



Close to our customers











ROAD AND MINERAL TECHNOLOGIES

www.wirtgen-group.com

WIRTGEN GROUP: PARTS AND MORE 2013.











WIRTGEN GROUP INNOVATIONS IN THE PARTS AND MORE CATALOGUE 2013



Thanks to the numerous suggestions and your valuable feedback about practical experience on-site, we have been able to extend our range of spares and adapt them to your requirements.

The catalogue is intended to be a useful tool in your daily business and to help you to quickly and easily determine the relevant wear parts for your Wirtgen Group equipment. To make it easier for you to get around the catalogue, we have not only included detailed tables of contents, but also marked each spare parts area with a small icon in the bottom right-hand corner of each page of the catalogue. Apart from this, the individual brands are labelled in different colours.

The comprehensive range of Wirtgen Group spare parts offers you a number of versatile service packs that collect all the components you need to carry out repairs on specific machine areas. This not only facilitates the calculation of your demands for the order to be triggered but also ensures that you only receive the spare parts you actually require. Hence, you will save time and money.



The following new **Wirtgen Group equipment** has been included in the 2013 Parts and More catalogue:

Wirtgen GmbH machines:

Wirtgen W 220 and W 250i road milling machines Wirtgen WR 240, WR 240i and WR 250 recyclers

Joseph Vögele AG machines:

Vögele SUPER 3000-2 Vögele MT 3000-2 feeder

Hamm AG machines:

Hamm H18i - H20i compactors Hamm H25i compactor











The following **spares** have been optimised or added:



Wirtgen Group:

The range of lubricants has been extended to make it possible to supply Kleemann equipment with the highest quality oils and greases too.



Wirtgen GmbH:

The range of picks from road milling machines through the recycler up to the surface miner has been revised. The most common Wirtgen GmbH products throughout the world are saved here.



Joseph Vögele AG:

The range of leveling products has been updated, which means that revised versions of the following components are available:

- Big MultiPlex Ski
- Sonic grade sensor
- Mechanical grade sensor
- Ski and bow
- · Accessories stringline and holder

















Kleemann GmbH:

A number of Kleemann devices have been highly-optimised and the content below has been made available in a clear form for the 2013 Parts and More catalogue:

- Rotors
- Impact plate sets
- Crawler unit parts
- Filter elements, individual listing of required filters
- Filter service packs, integration of motor filters with the service packs
- Wire mesh, other components added
- Crusher jaws, design revised
- Lubricants/overview of lubricant requirements

We wish you every success in working with our products! We look forward to working with you in the new year and to many new suggestions regarding further Wirtgen Group products and services.

Yours truly,

Your Wirtgen Group Service-Team

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Parts and More online: www.partsandmore.net





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PARTS AND MORE — ORIGINAL PARTS AND CUSTOMER-ORIENTED SERVICES

Wirtgen, Vögele, Hamm and Kleemann – four internationally reputed brands united by a passion for path-breaking construction technologies.

Working together from our main plants and branches worldwide, we offer a superb service that measures up to the high quality of our products. Our Group's well-structured horizontal organization ensures short lines of communication and creates an atmosphere of successful teamwork.

Our experts are thus free to take up the new challenges that arise in practical applications and convert them into innovative solutions, offering our customers the effective support they need. We take this practice-oriented standard as a basis not only for the design and manufacture of our machines, but also for the development of user-friendly service concepts.

The Wirtgen Group's construction machinery stands out by virtue of its quality, performance and economic operation. Intelligent designs, modern manufacturing processes and superior, wear-resistant materials help make our machines particularly reliable in tough everyday working conditions.





Wirtgen

HAMM

- 1 The dialogue with our customers is our enjoyment and encouragement at once.
- 2 The use of clearly labelled original parts will facilitate the work of your workshop engineers.





6





Optimally adapted to the requirements of both users and machines, these top-quality parts have a long service life and are simple to install.

Individual parts developed according to requirements and service kits designed for maximum maintenance friendliness ensure the simple storage, planning and exchange of parts. What's more, special tailor-made tools are also available for this purpose.

With a total of over 50 branches located in every continent, we are also at our customers' service after they have purchased their machines. Our on-site spare parts specialists will not only assist you with maintenance work, but are also on hand if you decide to upgrade your machine with retrofitting options.

From our impressive range of over 50,000 different parts, we can swiftly supply you with all you need via our branches. The Wirtgen Group's internal information and logistics system does provide our staff worldwide with reliable information, even on the availability of "exotic" parts – and that 24 hours a day, seven days a week, from each place of the world.



1 Our stock keeping has been optimised for high availability and fast delivery.

WIRTGEN GMBH LEADS THE WORLD MARKET FOR ROAD MILLING MACHINES



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ORIGINAL WIRTGEN PICKS MAKE PROGRESS WITH QUALITY TOOLS FOR HIGH-PERFORMANCE MILLING APPLICATIONS

WIRTGEN and BETEK – in partnership for their mutual customers

High machine feed rate and minimal tool changes result in high daily productivity. To make this equation for low operating costs work out right, you need powerful machines and high-quality tools. Only picks of the highest quality, which are closely adapted to the machine and application, can guarantee a long service life and flawless rotation.

The yearlong system partnership between WIRTGEN and BETEK purposefully pursues the path of constant improvement based on many mutual application experiences. New applications are often the impetus for optimisations or even for new cutting tool developments.

Wirtgen, together with BETEK, recognises the critical nature of this issue and has taken steps to ensure better economic efficiency. The technical expertise of the two leading manufacturers has been pooled to result in unique collaboration in all sectors: development, production and quality assurance, as well as sales and advice for the customer on site.

Despite the high requirements placed on the engineers in both companies, short development times up to series maturity are maintained, another proof of the collaboration that benefits the customers.





Optimum milled results ensure the customer's success

The result is coordinated system components with a high savings potential for users. The user gets everything he needs from a single source and reliable delivery to any job site around the globe. Comprehensive support is provided to the user, even on a job site if necessary. If problems or questions arise, a solution is elaborated immediately, even if it means providing special tools for difficult milling tasks. Rising sales figures confirm the effectiveness of this formula for success, the main objective of which is to ensure customer satisfaction.







Carbide tip technology

There are different types of carbide metal. To withstand the extreme temperature stresses resulting when milling road pavements, the carbide metal tips of our picks are manufactured from particularly coarse-grained tungsten carbide components. They conduct the heat away much better than conventional carbide metal alloys, a feature that noticeably reduces wear and tear.

The brazing

The carbide metal tip of the cutting tool is firmly welded to a steel body. Carbide metal and steel expand to different degrees when exposed to heat. This "tension-filled" joint is made using a brazing technique developed in-house that is subject to severe load tests during production to assure quality.

The steel body

The pick head must withstand tremendous shear stresses and impact loads. At the same time, the pick must sit in the toolholder safely and durably during its entire service life. Wirtgen picks have a steel body combining both qualities in an optimum manner. To achieve this, the pick head and pick shank are manufactured to different degrees of hardness in a special operation. While the tough pick shank effectively absorbs the forces occurring close to the toolholder, the pick head is specially hardened, making it highly wear-resistant when in direct contact with the material to be milled.

Secure hold and fast replacement

Wirtgen picks feature a cylindrical clamping sleeve. Length and diameter of the sleeve are subject to extremely narrow tolerances in the manufacturing process. This feature not only results in distinctly less wear and tear of the picks and toolholders but additionally prevents the picks from falling out, thus avoiding unnecessary machine downtimes and higher costs for wearing parts.



The plate

The wear plate is matched to the holder such that it absorbs a large part of the wear load. The design and dimensions of the plate vary depending on the application.



ORIGINAL WIRTGEN PICK GEOMETRY AND CODE LETTERS

Code	Significance		
W	W Wirtgen pick		
Code for cap-shape	d carbide tips	Example illustration	
W4	with a base diame	ter 16 mm long (length: 16 mm)	
W5	with a base diame	ter 17.5 mm long (length: 16 mm)	
W5L	with a base diame	ter 17.5 mm long (length: 17.5 mm)	
W6	with a base diame	ter 19 mm long (length: 17.5 mm)	
W6L	with a base diame	ter 19 mm long (length: 19.5 mm)	•
W6C	with a base diame	ter 19 mm long (length: 10 mm)	
W6M	with a base diame	ter 19 mm long (length: 18 mm)	o o
W6ML	with a base diame	ter 19 mm long (length: 21 mm)	
W7	with a base diame	ter 20.5 mm long (length: 20.5 mm)	
W8	with a base diame	ter 22 mm long (length: 20 mm)	
W8M	with a base diame	ter 22 mm long (length: 21.5 mm)	
Code for cylindrical	Code for cylindrical carbide tips		
W1-8	Carbide tip diame	ter 8 mm (length: 15 mm)	
W1-10	Carbide tip diame	ter 10 mm (length: 25 mm)	
W1-13	Carbide tip diame	ter 13 mm (length: 25 mm)	
W1-15	Carbide tip diame	ter 15 mm (length: 24 mm)	
W1-17	Carbide tip diame	ter 17 mm (length: 28.5 mm)	Ø
W1-19	Carbide tip diame	ter 19 mm (length: 29 mm)	
Shape of the carbide	e tip		Example illustration
С	Compact Carbide tip in flat version		
L	Long Carbide tip in longer version (height)		8
М	Massive Carbide tip in solid version		

Not applicable to the surface miner pick product range.





Code	Significance			
Shape of the steel b	ody (of the pick he	ead)	Example illustration	
-G	Groove	Steel body with extractor groove		
-N	Narrow	Narrow steel body (shown here with extractor groove)		
-T	Twinhead	Steel body with wearing cone		
-V	Voluminous	Steel body in reinforced version (more volume)		
-S	Short	Steel body in shortened version		
Shank diameter data	a for the pick		Example illustration	
/13	Shank diameter co	orresponds to 13 mm		
/20	Shank diameter corresponds to 20 mm			
/22	Shank diameter corresponds to 22 mm			
/ 25	Shank diameter co	Ø		

Not applicable to the surface miner pick product range.



ORIGINAL WIRTGEN EXAMPLES OF PICK CODES

Pick	Code	Significance
	W1	Cylindrical carbide tip
W1-15-S/25	-15	Diameter of the carbide tip in mm
W1-10-5/25	-S	Short pick head
	/25	Shank diameter of the pick is 25 mm



Pick	Code	Significance
	W6	Cap-shaped carbide tip, base diameter 19 mm
	М	Carbide tip in solid version
W6ML-G/20	L	Carbide tip in longer version
	-G	Steel body with extractor groove
	/20	Shank diameter of the pick is 20 mm



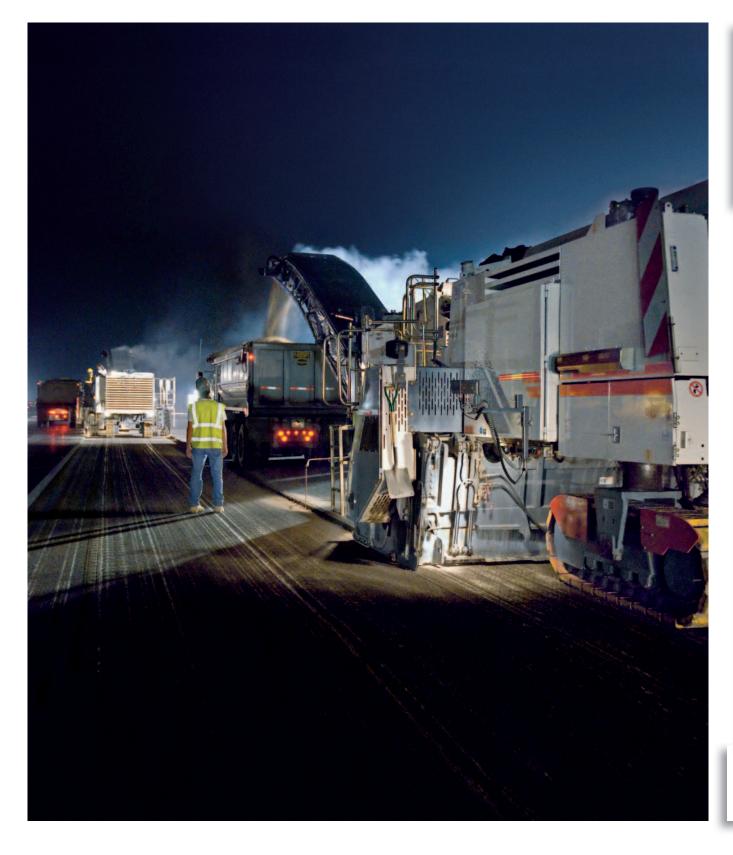
Pick	Code	Significance
	W6	Cap-shaped carbide tip, base diameter 19 mm
W6C-T/22	С	Carbide tip in flat version
WOO-1/22	-Т	Steel body with wearing cone
	/22	Shank diameter of the pick is 22 mm



Not applicable to the surface miner pick product range.

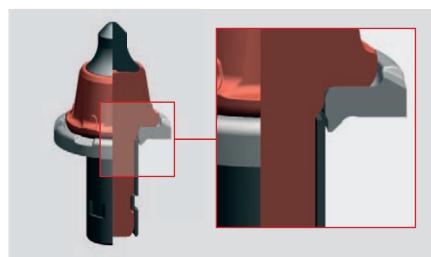








ORIGINAL WIRTGEN PICKS FOR ROAD MILLING MACHINES ($\emptyset = 20 \text{ MM}$)



Original Wirtgen pick with guided clamping sleeve

Due to this technology the clamping sleeve is also centred in the wear plate in the installed state. The steel body, the wear plate and the clamping sleeve together form a labyrinth seal that reduces the ingress of soiling into the toolholder bore and therefore the wear.



Picks with cap-shaped carbide tip

Picks with a cap-shaped carbide tip are used for abrasive materials that cause heavy wear to the steel body/carrier material. Due to the large base diameter of the carbide tip the milled material is guided around the steel body and in this way protects against erosion.



Picks with cylindrical carbide tip

Picks with a cylindrical carbide tip are primarily used for removing hard materials that cause high wear of carbide metal, e.g., concrete. The cylindrical geometry significantly optimises the cutting and penetration behaviour of the pick.





The steel body



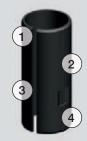
- 1 Hardened pick head for optimal pick life
- 2 Fracture-resistant pick shank due to optimised shank geometry

The wear plate



- 1 Reduced holder wear due to enlarged outer diameter of 45 mm
- 2 Thick, wrought wear plate protects the toolholder against erosion
- 3 Simplified pick assembly thanks to higher sleeve pretension
- 4 Centring function on the wear plate for reduced holder bore wear

The clamping sleeve



- 1 Reinforced clamping sleeve for reliable retention function and reduced wear in the toolholder bore
- 2 Twin-stop function defines the play on the length of the pick with changing loads
- 3 The extended clamping sleeve remains centred in the wear plate in the installed state
- 4 The cylindrical sleeve ensures optimal pick rotation behaviour due to an exact round shape



SELECTION TABLE OF PICKS FOR ROAD MILLING MACHINES

Small milling ma	achines	
Pick type	Page	
W4/13	22	
W4-G/20	23	
W5-G/20	24	
W5/20	24	
W5L/20	25	
W6-G/20	26	
W6/20	26	
W6L-G/20	27	
W6L/20	27 E B	
W6M/20	28 28 28 28 28 29 29 29 29 29 29 29 29 29 29 29 29 29	
W6ML-G/20	88 le mate	
W7-G/20	29 dt h	
W7/20	29 sivenes	
W8M-G/20	Abrasi	
W8M/20	30	

Asphalt paver	ments				
W 350, W 350 E	W 35, W 35 DC	W 500	W 50	W 50 DC	500 DC, W 600 DC
	00 20				W 000 D0

Pick type	Page
W1-8/13	22
W1-10-NG/20	31
W1-10-G/20	31
W1-13-G/20	32

Concrete										
W 350, W 350 E	W 35, W 35 DC	W 500	W 50	W 50 DC	500 DC, W 600 DC					

Generally recommendable

Recommendable for soft material

Not recommendable





()()

 * This table also applies to all "i" version machines.

Medium-sized milling machines											
Wediam Sized			Asphalt pavements								
Pick type	Page		W 1000 L	W 1000	W 60*, W 100*	W 100 F*, W 1000 F	W 120 F*, W 1200 F	W 130 F*, W 1300 F			
W4/13	22	Ш									
W4-G/20	23										
W5-G/20	24										
W5/20	24										
W5L/20	25										
W6-G/20	26										
W6/20	26										
W6L-G/20	27	pe									
W6L/20	27	be mill									
W6M/20	28	rial to									
W6ML-G/20	28	Abrasiveness of the material to be milled									
W7-G/20	29	s of th									
W7/20	29	ivenes									
W8M-G/20	30	Abras									
W8M/20	30										
Dialetera	D		Concrete	-	-		-	-			
Pick type	Page		W 1000 L	W 1000	W 60*, W 100*	W 100 F*, W 1000 F	W 120 F*, W 1200 F	W 130 F*, W 1300 F			
W1-8/13	22										
W1-10-NG/20	31										



Recommendable for soft material

W1-10-G/20

W1-13-G/20

31

32

Generally recommendable

Not recommendable

SELECTION TABLE OF PICKS FOR ROAD MILLING MACHINES

Large milling machines												
District	D	ı	Asphalt pavements									
Pick type	Page	ı	W 150*	1300 - 1500 DC	1900 - 2000 DC	W 1500	W 1900	W 200*	W 2000			
W4/13	22	ı										
W4-G/20	23	ı										
W5-G/20	24	ı										
W5/20	24	ı										
W5L/20	25	ı										
W6-G/20	26	ı										
W6/20	26	ı										
W6L-G/20	27	pe										
W6L/20	27	be mill										
W6M/20	28	rial to										
W6ML-G/20	28	e mate										
W7-G/20	29	s of th										
W7/20	29	Abrasiveness of the material to be milled										
W8M-G/20	30	Abras										
W8M/20	30	Ī										
		ı										

Pick type	Page
W1-8/13	22
W1-10-NG/20	31
W1-10-G/20	31
W1-13-G/20	32

Concrete										
W 150*	1300 - 1500 DC	1900 - 2000 DC	W 1500	W 1900	W 200*	W 2000				

Generally recommendable

Recommendable for soft material

Not recommendable

* This table also applies to all "i" version machines.





Large milling	machines									
		П	Asphalt pavements							
Pick type	Page	П	W 210*	2100 DC	W 2100	W 220	W 2200	W 250*		
W4/13	22	Ш								
W4-G/20	23	Ш								
W5-G/20	24	Ш								
W5/20	24	Ш								
W5L/20	25	Ш								
W6-G/20	26	Ш								
W6/20	26	Ш								
W6L-G/20	27									
W6L/20	27	oe mille								
W6M/20	28	rial to l								
W6ML-G/20	28	e mate								
W7-G/20	29	Abrasiveness of the material to be milled								
W7/20	29	ivenes								
W8M-G/20	30	Abras								
W8M/20	30	П								
		П								
Pick type	Page	Н	Concrete							
	. ago		W 210*	2100 DC	W 2100	W 220	W 2200	W 250*		
W1-8/13	22									
		i II.								

Wirtgen

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W1-10-NG/20

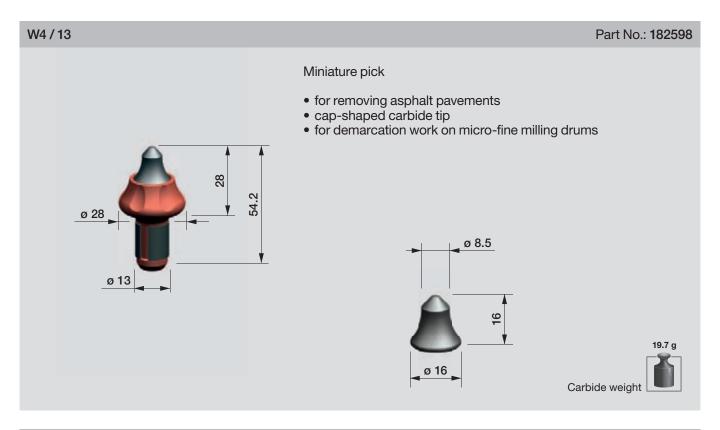
W1-10-G/20

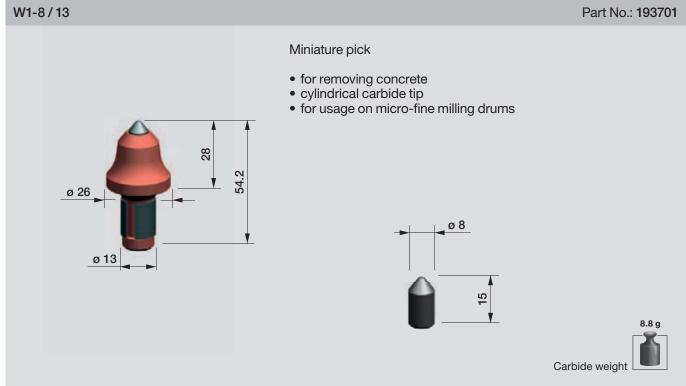
W1-13-G/20

^{*} This table also applies to all "i" version machines.

ORIGINAL WIRTGEN PICKS FOR ROAD MILLING MACHINES ($\emptyset = 13 \text{ MM}$)



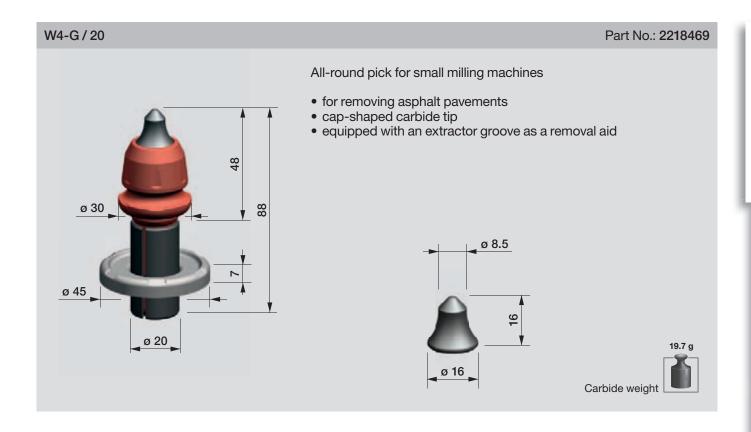






ORIGINAL WIRTGEN PICKS FOR ROAD MILLING MACHINES $(\emptyset = 20 MM)$

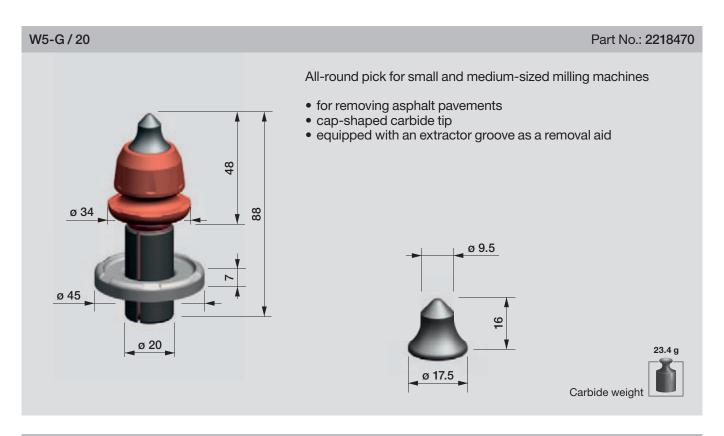


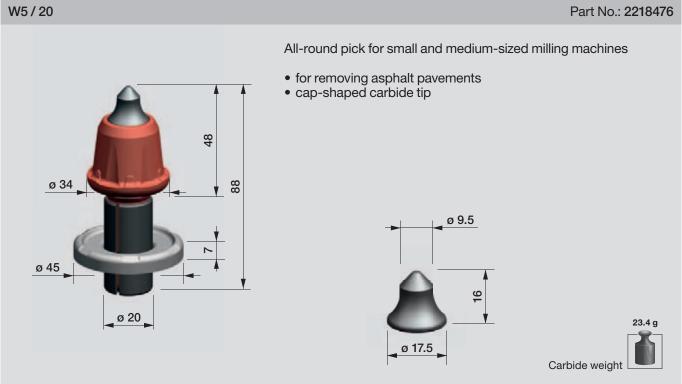




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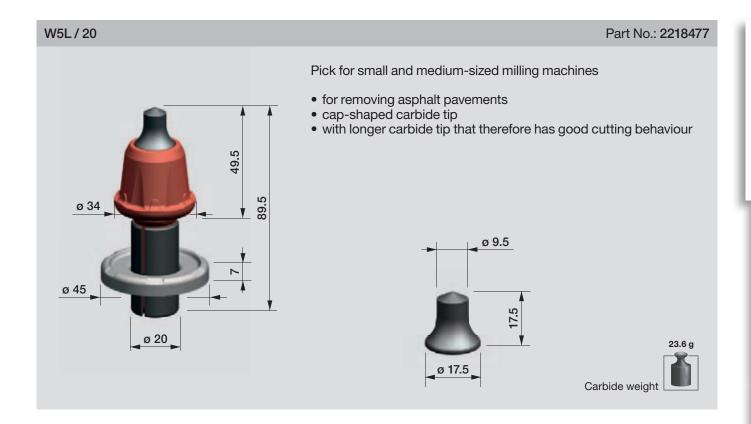
ORIGINAL WIRTGEN PICKS FOR ROAD MILLING MACHINES ($\emptyset = 20 \text{ MM}$)









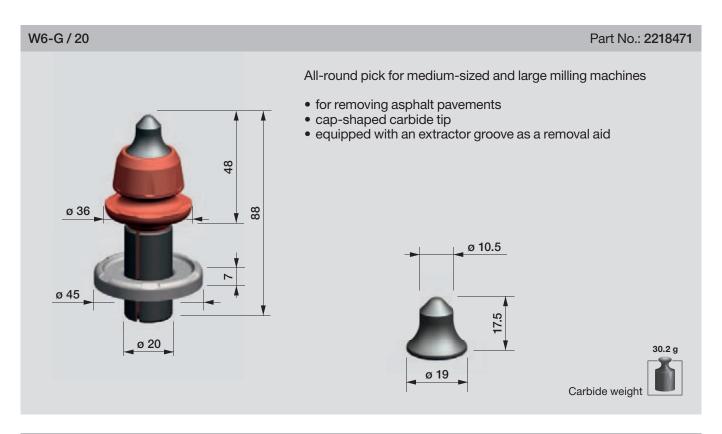


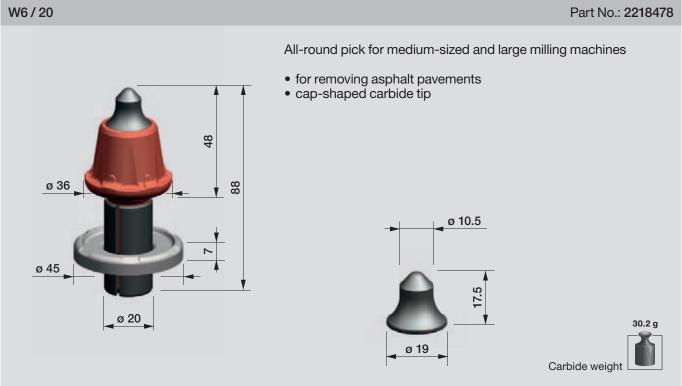
Unit of measurement in mm



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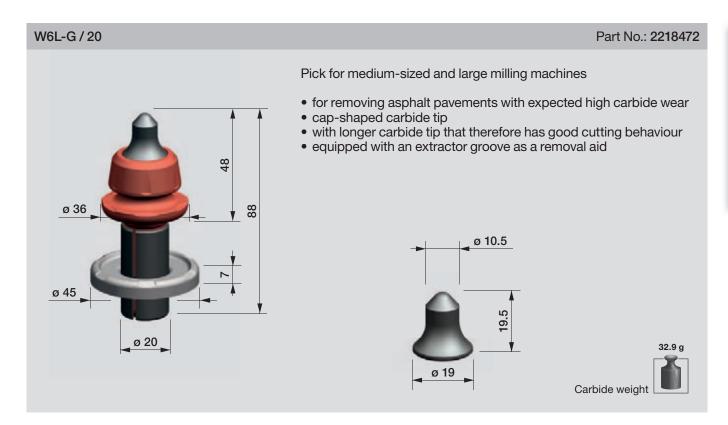
ORIGINAL WIRTGEN PICKS FOR ROAD MILLING MACHINES ($\emptyset = 20 \text{ MM}$)

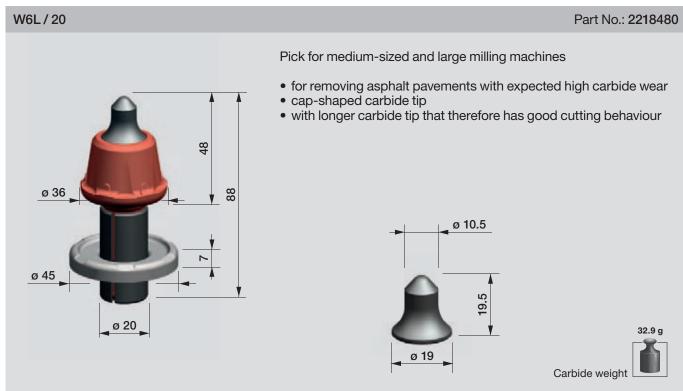








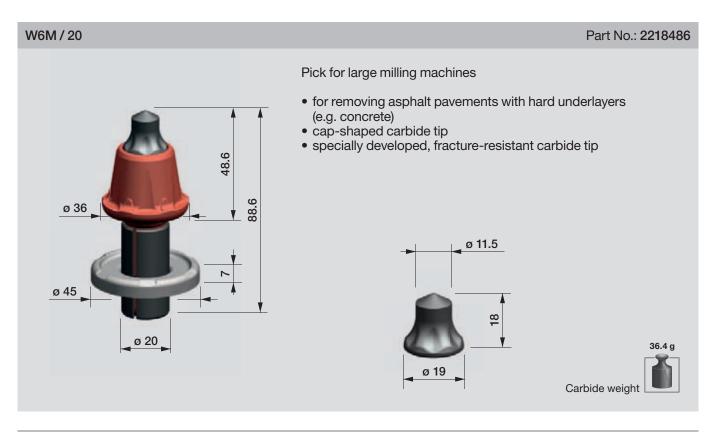




Unit of measurement in mm

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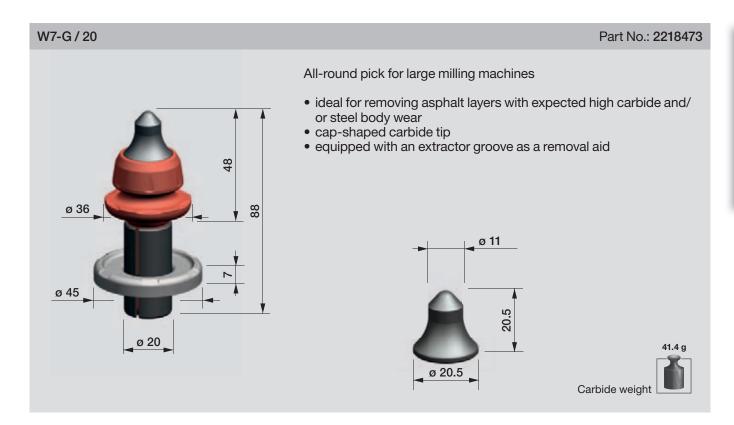
ORIGINAL WIRTGEN PICKS FOR ROAD MILLING MACHINES ($\emptyset = 20 \text{ MM}$)





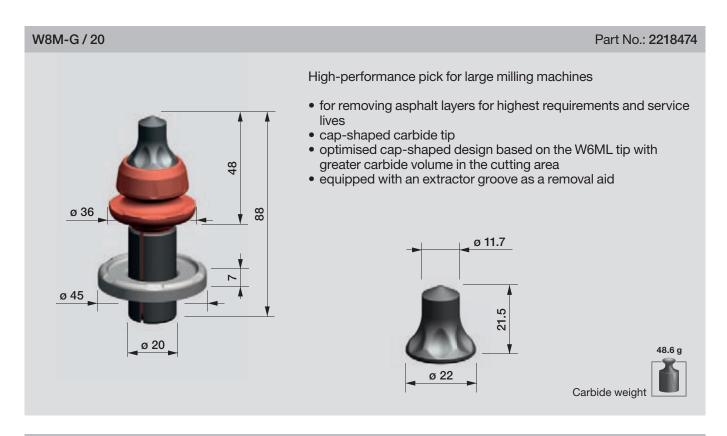


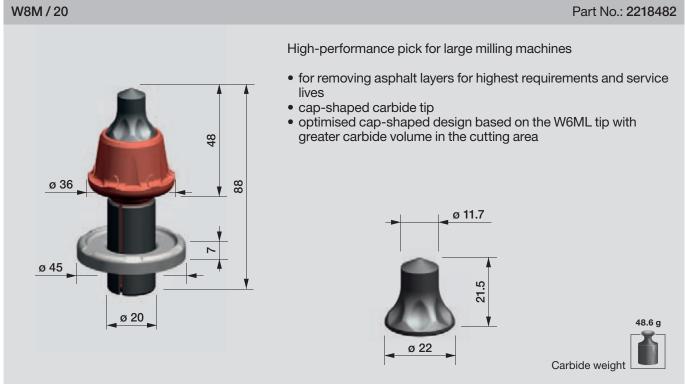
29



All-round pick for large milling machines • ideal for removing asphalt layers with expected high carbide and/ or steel body wear • cap-shaped carbide tip Carbide weight

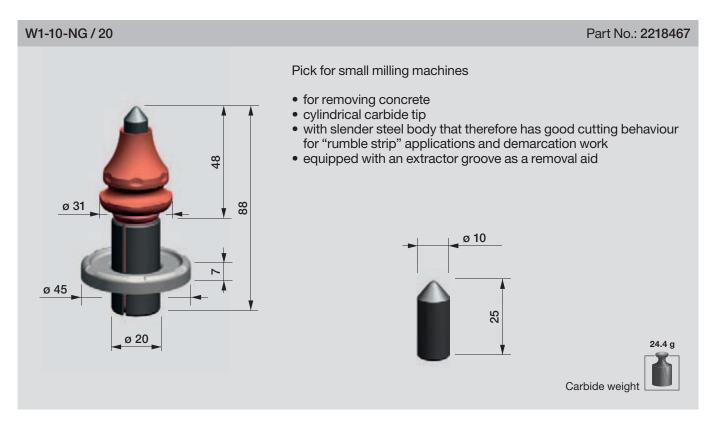
ORIGINAL WIRTGEN PICKS FOR ROAD MILLING MACHINES ($\emptyset = 20 \text{ MM}$)

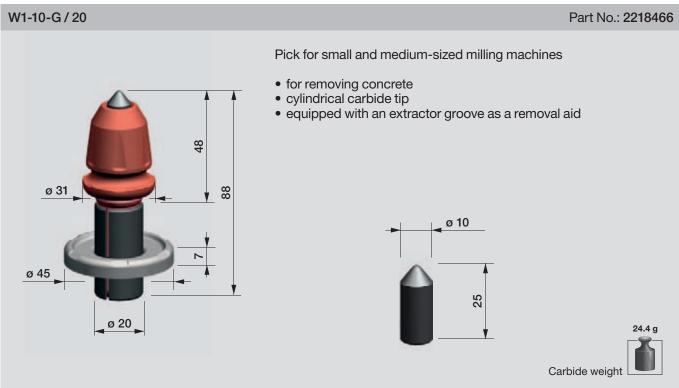






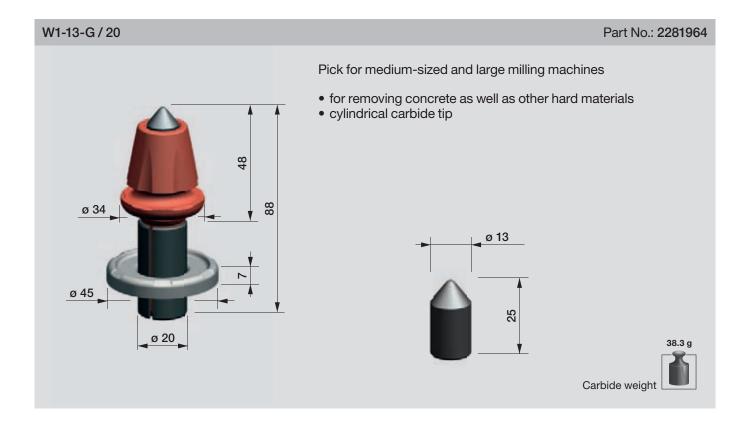






ORIGINAL WIRTGEN PICKS FOR ROAD MILLING MACHINES $(\emptyset = 20 \text{ MM})$





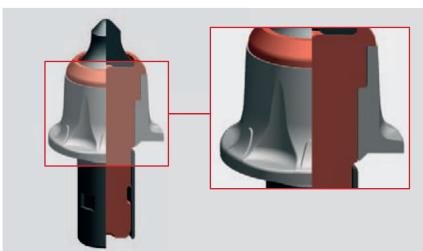


DELIVERY RANGE OF PICKS FOR ROAD MILLING MACHINES $(\emptyset = 20 \text{ MM})$



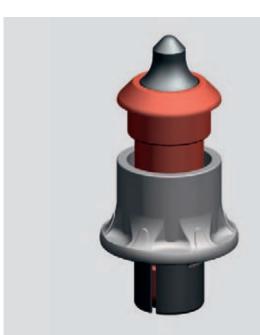
Pick identifier	Carbide tip of pick	Part No. (per unit)	Quantity per toolbox	Weight per toolbox (kg)	Quantity standard palett (overseas palett)	Page
W4/13	1 9.7 g	182598	200	19.30	12000 (10800)	22
W1-8/13	a 8.8 g	193701	200	19.10	12000 (10800)	22
W4-G/20	1 9.7 g	2218469	50	14.85	3000 (2700)	23
W5/20	2 3.4 g	2218476	50	16.20	3000 (2700)	24
W5-G/20	2 3.4 g	2218470	50	15.90	3000 (2700)	24
W5L/20	23.6 g	2218477	50	16.35	3000 (2700)	25
W6/20	3 0.2 g	2218478	50	16.50	3000 (2700)	26
W6-G/20	8 30.2 g	2218471	50	16.30	3000 (2700)	26
W6L/20	32.9 g	2218480	50	16.85	3000 (2700)	27
W6L-G/20	32.9 g	2218472	50	16.20	3000 (2700)	27
W6M/20	36.4 g	2218486	50	16.80	3000 (2700)	28
W6ML-G/20	8 41.0 g	2218488	50	16.65	3000 (2700)	28
W7/20	å 41.4 g	2152111	50	16.60	3000 (2700)	29
W7-G/20	& 41.4 g	2218473	50	16.25	3000 (2700)	29
W8M/20	8 48.6 g	2218482	50	16.95	3000 (2700)	30
W8M-G/20	8 48.6 g	2218474	50	16.25	3000 (2700)	30
W1-10-G/20	24.4 g	2218466	50	15.80	3000 (2700)	31
W1-10-NG/20	24.4 g	2218467	50	14.20	3000 (2700)	31
W1-13-G/20	38.3 g	2281964	50	17.35	3000 (2700)	32

ORIGINAL WIRTGEN PICKS FOR COLD RECYCLERS AND STABILIZERS $(\emptyset = 22 \text{ MM})$



Original Wirtgen pick with twin-head function

The twin-head function was developed to suit the wear mechanisms during stabilization and recycling work. Unlike conventional picks, picks with the twinhead function have a two-piece pick head. The outer wear cone is particularly resilient to abrasive wear.



Pick with cap-shaped carbide tip

Picks with twin-head are mostly combined with cap-shaped carbide tips. This carbide geometry protects the steel body (wear cone) against erosion and excessive wear. Due to the compact shape, the tip is very robust and has a long service life.



Pick with cylindrical carbide tip

Cylindrical carbide tips are suitable for use in particularly hard milled materials with high impact loads. Due to the long section of the tip mounted in the steel body, extremely high loads can be transmitted.



The steel body



- 1 Fracture-resistant pick shank due to proven tempering process
- 2 Exact centring of the wear cone in relation to the shank
- 3 Low shank breakage inclination due to optimised transition radii

The wear cone



- 1 In the unmounted state the clamping sleeve is pretensioned by the wear cone
- 2 Optimised service life thanks to highly wear-resistant material
- 3 Improved toolholder protection due to reinforced cone geometry

The clamping sleeve

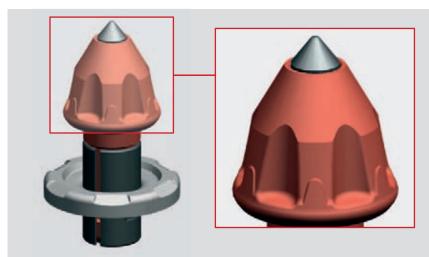


- 1 Reinforced clamping sleeve for reliable retention function and reduced wear in the toolholder bore
- 2 Twin-stop function defines the play on the length of the pick with changing loads
- 3 The extended clamping sleeve remains centred in the wear plate in the installed state
- 4 The cylindrical sleeve ensures optimal pick rotation behaviour due to an exact round shape



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ORIGINAL WIRTGEN PICKS FOR COLD RECYCLERS AND STABILIZERS $(\emptyset = 25 \text{ MM})$



Original Wirtgen pick with shortened pick head

Particularly during ground stabilization the materials milled often contain large rocks. This results in enormous impact and bending loads on the complete pick. Due to the connection of the 25 mm shank diameter with the shortened pick head, a very compact pick design is achieved.



Pick with cap-shaped carbide tip

Picks with 25 mm shank diameter and cap carbide are mostly used in binding, abrasive materials. The voluminous body of the pick is protected by the carbide's pronounced base diameter.



Pick with cylindrical carbide tip

The long head geometry of the 25 mm picks in combination with a cylindrical carbide tip features very good cutting behaviour. It is particularly suitable for usage on inhomogeneous, natural ground.



The steel body



- 1 Fracture-resistant, reinforced pick shank
- 2 Long head geometry with good cutting behaviour
- 3 Large pick head for long service life
- 4 Low tendency of the shank to fracture thanks to optimised manufacturing process

The wear plate



- 1 Large wear plate (Ø=60 mm) for best holder protection
- 2 Reinforced edge of the plate reduces the holder wear
- 3 Improved pick seat due to generously dimensioned centring chamfer

The clamping sleeve



- 1 Reinforced clamping sleeve for reliable retention function and reduced wear in the toolholder bore
- 2 Twin-stop function defines the play on the length of the pick with changing loads
- 3 The extended clamping sleeve remains centred in the wear plate in the installed state
- 4 The cylindrical sleeve ensures optimal pick rotation behaviour due to an exact round shape





SELECTION TABLE OF PICKS FOR COLD RECYCLERS AND STABILIZERS



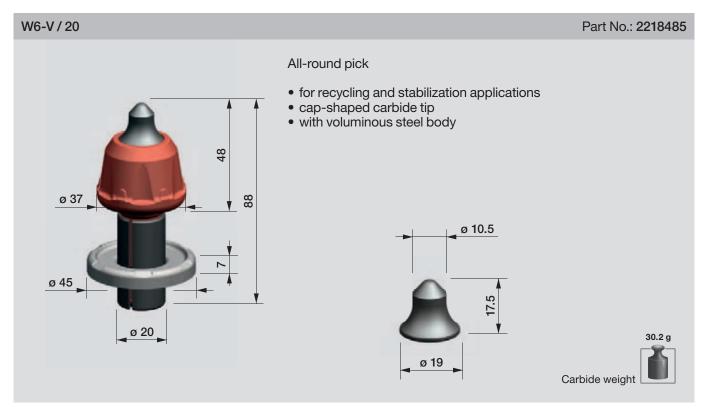
		Applications			
Machine type	Shank diameter	Soil stabilization	Stabilization of stony soil	Cold recycling	
	20 mm	W6-V/20 Part No.: 2218485 Page 39	W6C-V/20 Part No.: 2218489 Page 39		
	22 mm	W6/22 Part No.: 2064872 Page 40	W6C/22 Part No.: 2064870 Page 41		
WS 2000, WS 2500, WS 220, WS 250	22 11111	W6-T/22 Part No.: 2143715 Page 40	W1-17/22 Part No.: 2088112 Page 43		
	25 mm	W8/25 Part No.: 2143236	W1-15/25 Part No.: 2143497 Page 45		
	23 111111	Page 42	W6C/25 Part No.: 2143486 Page 42		
	20 mm	W6-V/20 Part No.: 2218485 Page 39	W6C-V/20 Part No.: 2218489 Page 39	W6-V/20 Part No.: 2218485 Page 39	
	22 mm	W6/22 Part No.: 2064872 Page 40	W6C/22 Part No.: 2064870 Page 41	W6/22 Part No.: 2064872 Page 40	
WR 2000, WR 2400,		W6-T/22	W1-17/22	W6-T/22 Part No.: 2143715 Page 40	
WR 240, WR 240i, RACO 350,		Part No.: 2143715 Page 40	Part No.: 2088112 Page 43	W8/22 Part No.: 2088117 Page 41	
WR 2500, WR 2500 S, WR 250i		W8/22 Part No.: 2088117 Page 41	W1-13/22 Part No.: 2088111 Page 43	W1-13/22 Part No.: 2088111 Page 43	
	25 mm	W8/25	W1-19/25 Part No.: 2143499 Page 45	W8/25 Part No.: 2143236	
		Part No.: 2143236 Page 42	W6C/25 Part No.: 2143486 Page 42	Page 42	

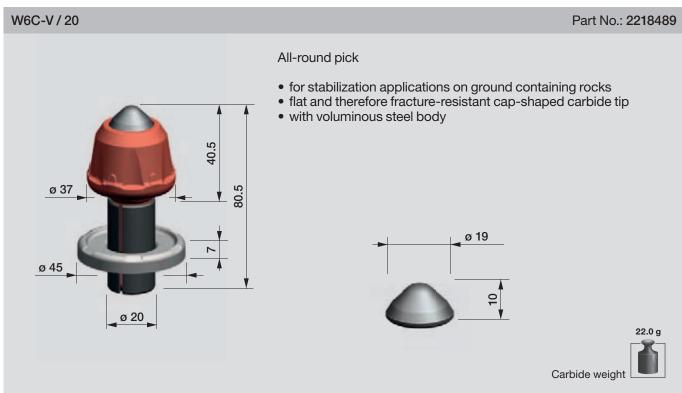


ORIGINAL WIRTGEN PICKS FOR COLD RECYCLERS AND STABILIZERS $(\emptyset = 20 \text{ MM})$

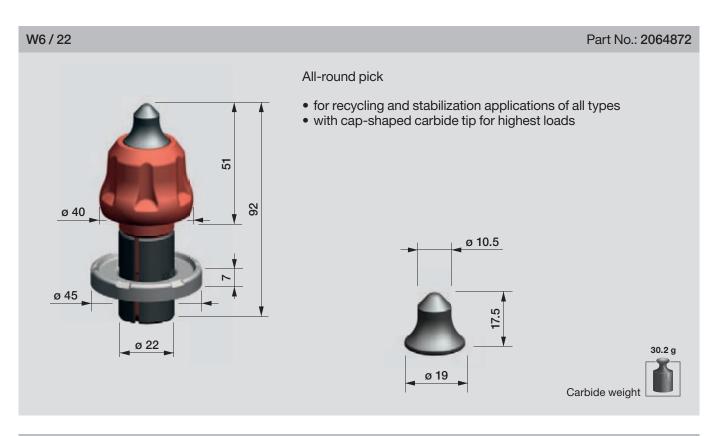


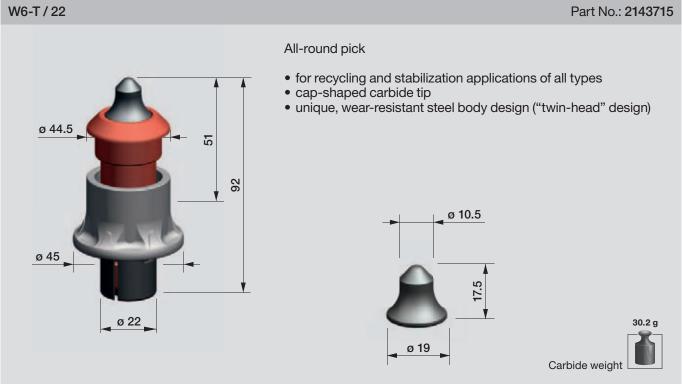
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ORIGINAL WIRTGEN PICKS FOR COLD RECYCLERS AND STABILIZERS $(\emptyset = 22 \text{ MM})$

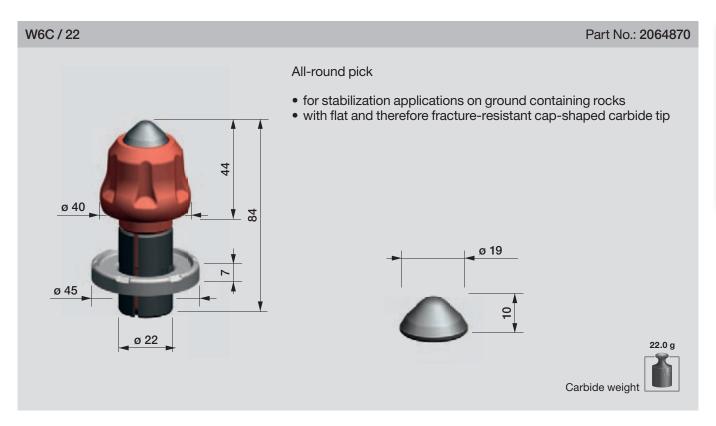


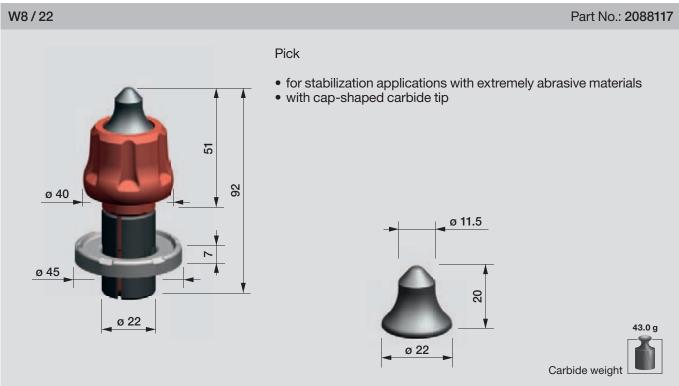






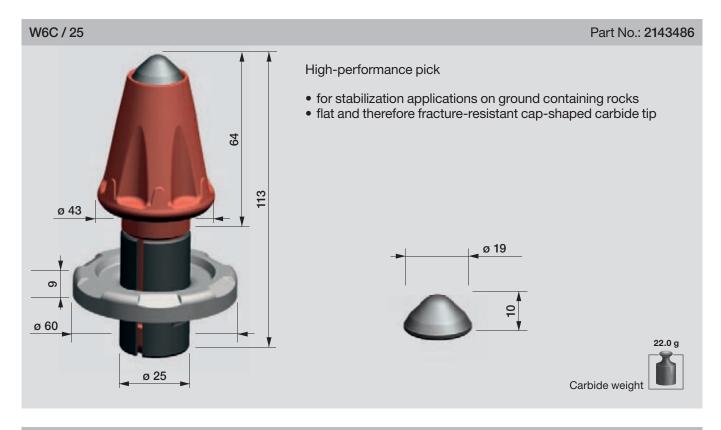
41

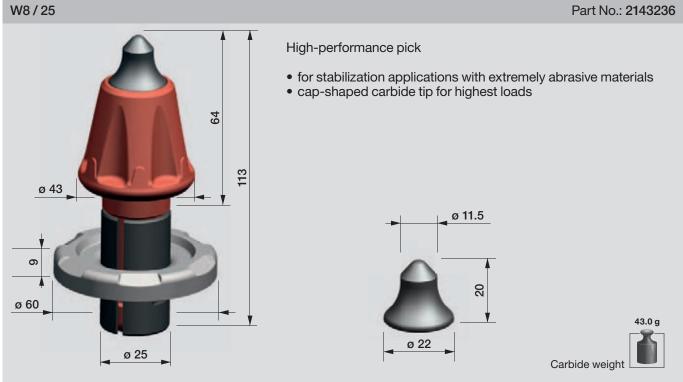




ORIGINAL WIRTGEN PICKS FOR COLD RECYCLERS AND STABILIZERS $(\emptyset = 25 \text{ MM})$





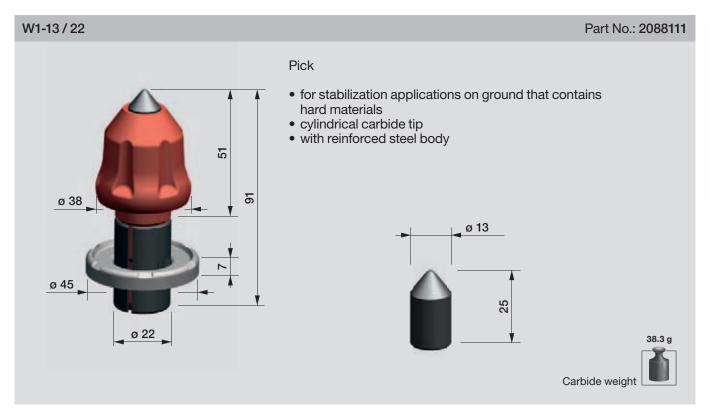


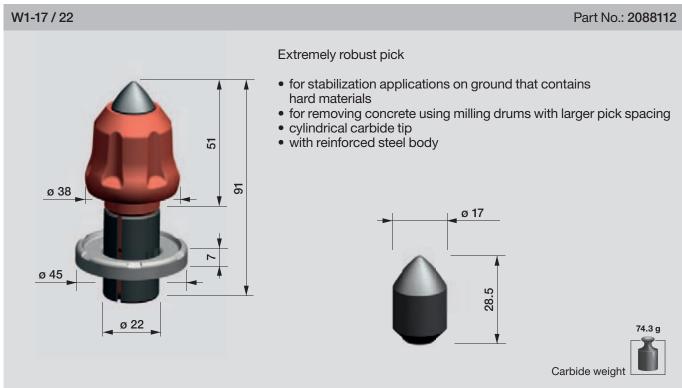
Unit of measurement in mm



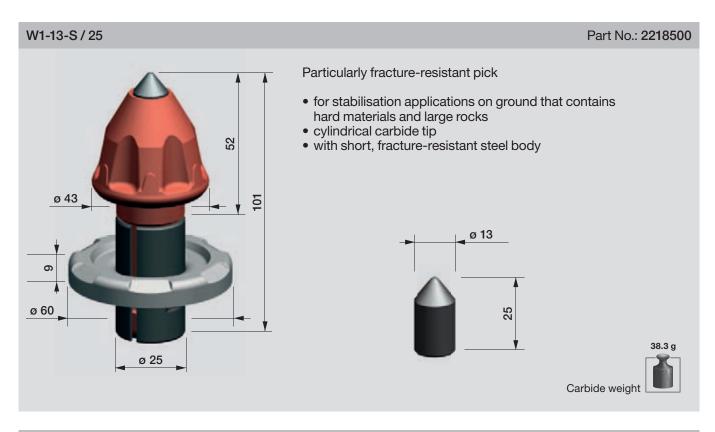
ORIGINAL WIRTGEN PICKS FOR COLD RECYCLERS AND STABILIZERS $(\emptyset = 22 \text{ MM})$

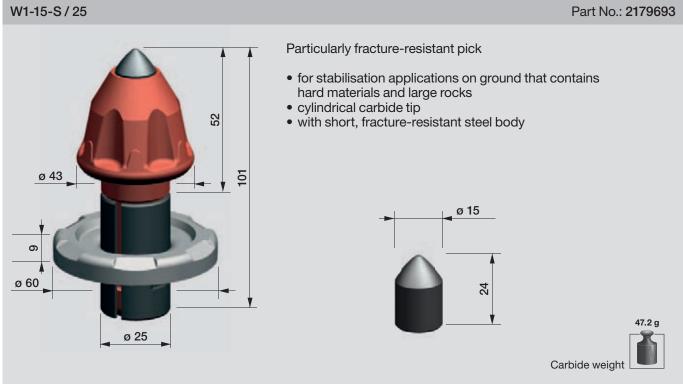






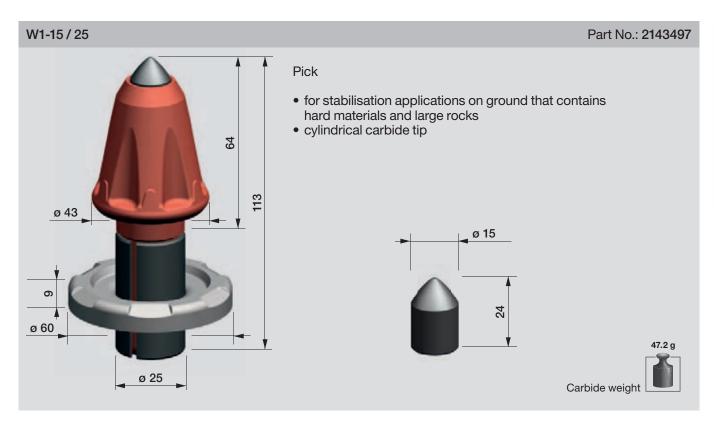
ORIGINAL WIRTGEN PICKS FOR COLD RECYCLERS AND STABILIZERS $(\emptyset = 25 \text{ MM})$

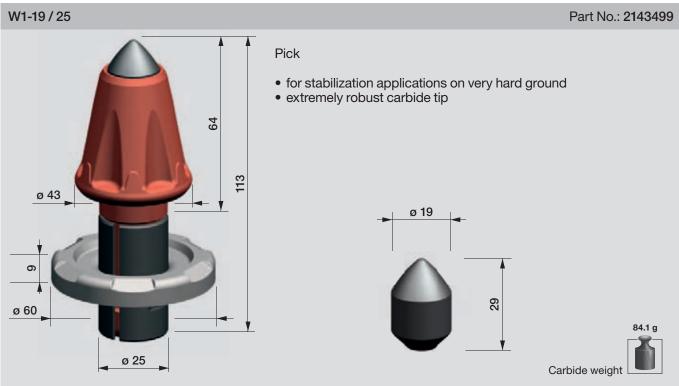












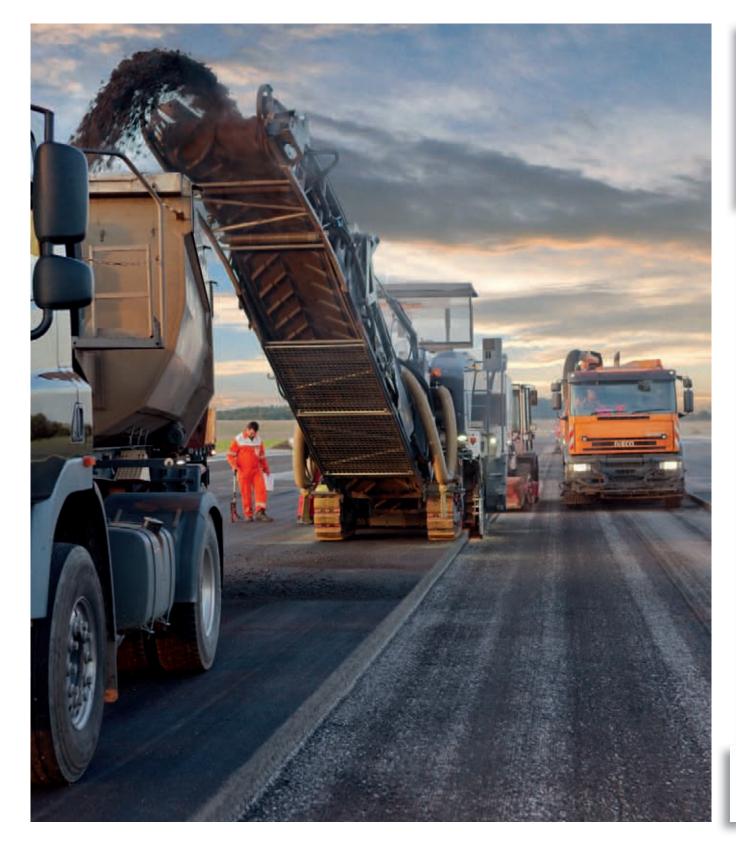
Unit of measurement in mm

DELIVERY RANGE OF PICKS FOR COLD RECYCLERS AND STABILIZERS (Ø = 20 MM TO 25 MM)

Pick identifier	Carbide of pick	tip	Part No. (per unit)	Quantity per toolbox	Weight per toolbox (kg)	Quantity standard palette (overseas palette)	Page
W6-V/20	8	30.2 g	2218485	40	14.8	2400 (2160)	39
W6C-V/20	8	22.0 g	2218489	40	14.5	2400 (2160)	39
W6/22	8	30.2 g	2064872	40	16.5	2400 (2160)	40
W6-T/22	8	30.2 g	2143715	40	16.5	2400 (2160)	40
W6C/22	8	22.0 g	2064870	40	16.1	2400 (2160)	41
W8/22	8	43.0 g	2088117	40	17.2	2400 (2160)	41
W6C/25	8	22.0 g	2143486	15	10.8	900 (810)	42
W8/25	8	43.0 g	2143236	15	10.5	900 (810)	42
W1-13/22		38.3 g	2088111	40	18.0	2400 (2160)	43
W1-17/22		74.3 g	2088112	40	18.6	2400 (2160)	43
W1-13-S/25		38.3 g	2218500	15	9.8	900 (810)	44
W1-15-S/25		47.2 g	2179693	15	9.9	900 (810)	44
W1-15/25		47.2 g	2143497	15	10.8	900 (810)	45
W1-19/25		84.1 g	2143499	15	11.1	900 (810)	45







ORIGINAL WIRTGEN PICKS FOR SURFACE MINERS

Wirtgen Surface Miners are used worldwide on construction sites both above and below ground for the extraction of a wide range of raw materials. The advantages of Wirtgen Surface Miner technology are:

- · Mining without drilling and blasting
- Selective extraction method
- Improved material quality
- Clean milled surfaces suitable for vehicles



Due to the simultaneous work processes of cutting, crushing and loading, material extraction using Wirtgen Surface Miners is particularly efficient. Worldwide mining companies and mine operators are exploiting the advantages of this technology. Due to the precise control of the cutting depth the machine can be optimally adjusted to the prevailing conditions, for example on cutting seams, intermediate layers or extracting high quality material such as coal, phosphate, and gypsum.

The numerous possible applications signify varying loads for the high quality cutting components on the Surface Miner.

With the aid of Wirtgen application know-how it has been possible to develop innovative, reliable cutting tools that provide optimum results even in difficult conditions.



1 Wirtgen milling drum 4200 SM









The core competence of Wirtgen, cutting technology, has been continuously further developed over decades. The experience in the asphalt sector and concrete sector, as well as the increasing expertise in mining applications are resulting in a continuous process of improvement of the following factors:

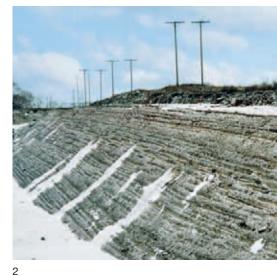
- Optimum cutting performance
- Maximum service life of the cutting tools (picks)
- Minimum operating costs
- Particle size control for the material cut

The key selection criteria for finding the correct pick are defined by:

- Hardness of the rock (uniaxial compressive strength)
- Rock structure
- Abrasiveness of the rock
- Milling performance
- Particle size structure
- · Operating costs
- Pick changing times

The overview tables on the next page provide detailed information on the usage of cutting tools as a function of material and machine.





1 Selective extraction of thin coal seams

2 Mining without blasting near buildings, power cables, etc.

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ORIGINAL WIRTGEN SURFACE MINER PICK GEOMETRY AND CODE LETTERS

Code	Significance				
WSM	Wirtgen Surface M	liner			
Code for carbide tip	s		Example illustration		
WSM1	Cylindrical tip				
WSM2	Mushroom-shape				
WSM3	Cap-shaped tip	8			
Diameter information	n for carbide tips		Example illustration		
-15	Carbide tip diame	ter 15 mm			
-17	Carbide tip diame	ter 17 mm			
-19	Carbide tip diame	ter 19 mm			
-22	Carbide tip diame	Carbide tip diameter 22 mm			
-25	Carbide tip diame				
Characteristics of th	e carbide tip shape		Example illustration		
L	Long	Carbide tip in longer version (height)	ÛÛ		



(1)

Code	Significance				
Shape of the steel b	ody (of the pick he	ead)	Example illustration		
-P	Protected	Armoured pick head			
-V	Voluminous	Steel body in reinforced version (more volume)			
-90 (number)	90 mm pick head length				
Shank diameter data	a for the pick		Example illustration		
/38/30	Stepped shank dia	o o			
/42	Shank diameter co	orresponds to 42 mm	o o		
Fixing element of the	e pick				
LR	Locking Ring Miner pick fixing with retainer ring.		0		
CR	Clip Ring	Clip Ring Miner pick fixing with in-house developed Clip Ring.			
not specified	If there is no codir the miner pick is e in the toolholder s				

ORIGINAL WIRTGEN EXAMPLES OF PICK CODES



Miner pick	Code	Significance
	WSM1	Cylindrical carbide tip
	-15	Diameter of the carbide tip is 15 mm
WSM1-15-90/38/30CR	-90	Head length of pick is 90 mm
	/38/30	Stepped shank diameter from 38 to 30 mm
	CR	is fixated using a Clip Ring



Miner pick	Code	Significance
	WSM2	Mushroom-shaped carbide tip
	-17	Diameter of the carbide tip is 17 mm
WSM2-17-90P/42	-90	Head length of pick is 90 mm
	Р	Pick head is armoured
	/42	Shank diameter corresponds to 42 mm (fixated using a clamping sleeve)



Miner pick	Code	Significance
	WSM1	Cylindrical carbide tip
	-17	Diameter of the carbide tip is 17 mm
WSM1-17-77/42LR	-77	Head length of pick is 77 mm
	/42	Shank diameter corresponds to 42 mm
	LR	is fixated using a retaining ring (Locking Ring)



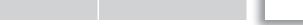
SELECTION TABLE OF PICKS FOR SURFACE MINERS



Applications

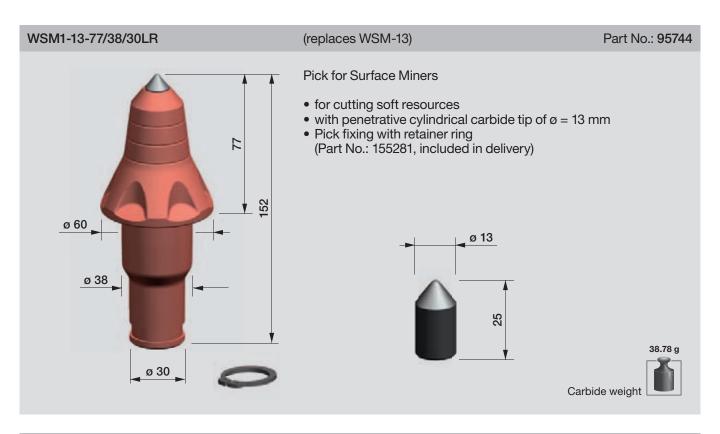
The applications listed here are guide numbers. The cuttability, cutting performance and pick wear depend upon the unaxial pressure strength, the tensile strength, abrasiveness, crevasse formation and inhomogenity.

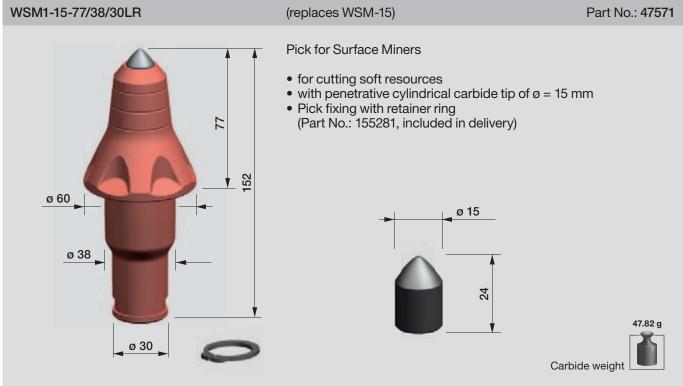
	Soft layers	Medium-hard layers	Hard layers	Very hard layers	
Can be used for the following retention systems	Asphalt Sand Clay Lignite Salt	Concrete Shelly limestone Soft limestone Gypsum Marl Shale Hard anthracite Bauxite	Granolithic concrete Limestone	Hard limestone Hard sandstone Iron ore Dolomite	
	Compressive strength 0 - 20 N/mm ²	Compressive strength 20 - 50 N/mm²	Compressive strength 50 - 80 N/mm²	Compressive strength > 80 N/mm²	
	WSM1-13-77/38/30LR Part No.: 95744 Page 54	WSM1-17-77/38/30LR Part No.: 48350 Page 56			
HT06, HT6	WSM1-15-77/38/30LR Part No.: 47571		WSM1-19-77/38/30LR Part No.: 70225		
1110	Page 54		Page 58		
	WSM1-15-90/38/30CR Part No.: 2218490 Page 55	WSM1-17L-90/37/29CR Part No.: 2199767 Page 57			
		WSM1-17-77/42 Part No.: 2112487 Page 56	WSM1-19-77/42 Part No.: 2100411 Page 58	WSM1-25-77P/42 Part No.: 2100415 Page 59	
HT14, HT15	WSM1-15-77/42 Part No.: 2143234	WSM1-17-77/42LR Part No.: 2197793			
11113	Page 55	Page 57			
		WSM2-17-90P/42 Part No.: 2234194 Page 60	WSM1-22-77P/42 Part No.: 2091737 Page 59	WSM1-25-77P/42 Part No.: 2100415 Page 60	





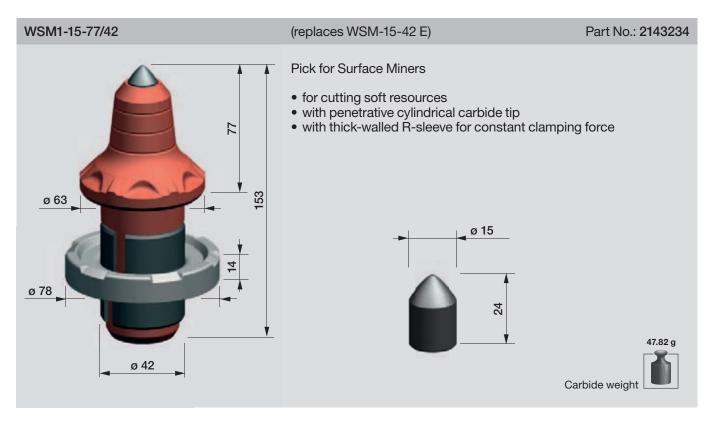
ORIGINAL WIRTGEN PICKS FOR SURFACE MINERS

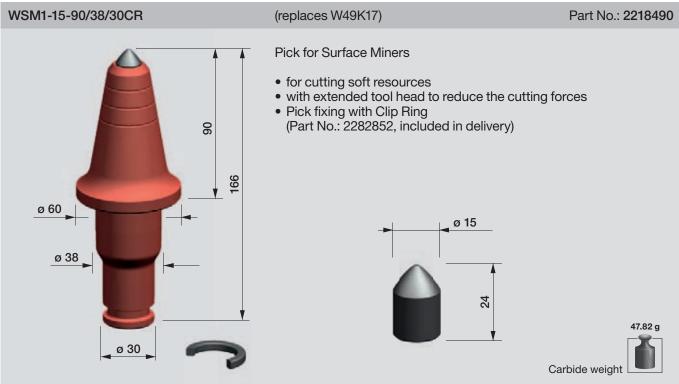






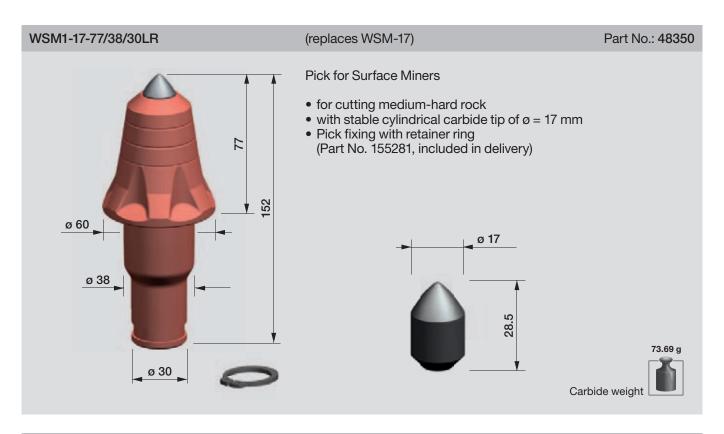


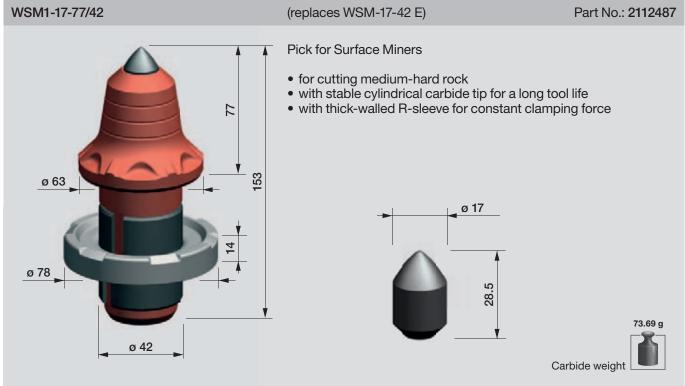




Unit of measurement in mm

ORIGINAL WIRTGEN PICKS FOR SURFACE MINERS

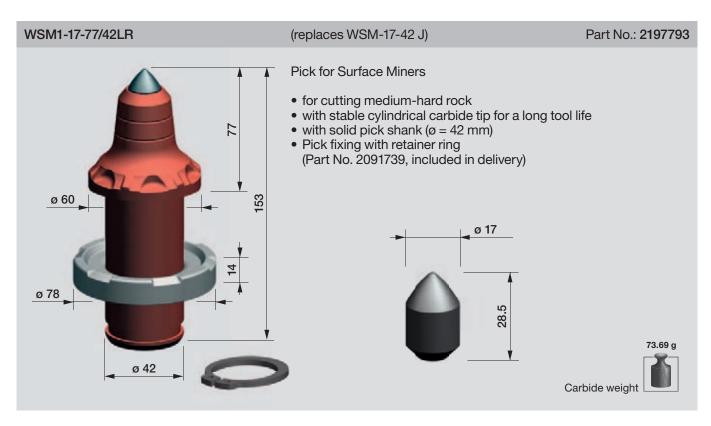






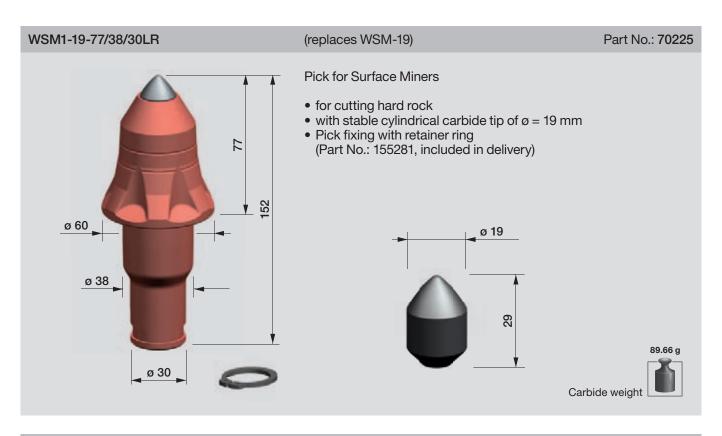


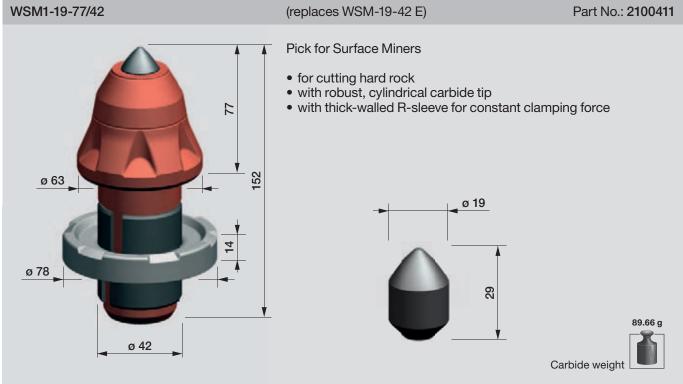
57



WSM1-17L-90/37/29CR (replaces W49K17/C) Part No.: 2199767 Pick for Surface Miners • for cutting medium-hard rock with extended tool head to reduce the cutting forces • Pick fixing with Clip Ring (Part No.: 2282852, included in delivery) 90 172 ø 17 ø 60 ø 38 35 95.20 g ø 30 Carbide weight

ORIGINAL WIRTGEN PICKS FOR SURFACE MINERS

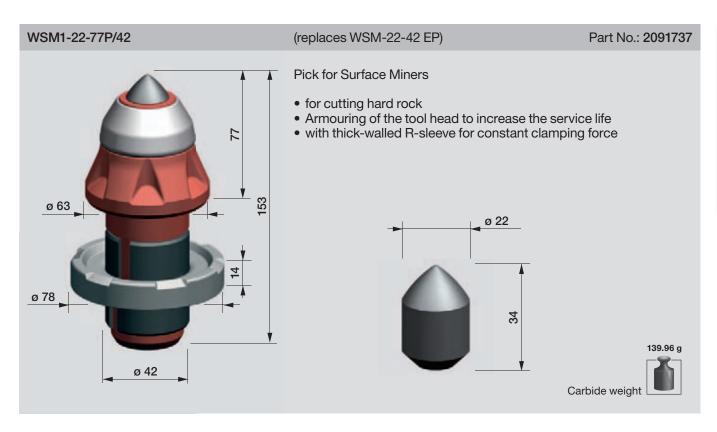




Unit of measurement in mm







WSM1-25-77P/42 (replaces WSM-25-42 EP) Part No.: 2100415 Pick for Surface Miners • for cutting very hard rock • with solid carbide tip (ø = 25 mm) for the highest demands • Armouring of the tool head to increase the service life

ORIGINAL WIRTGEN PICKS FOR SURFACE MINERS



Pick for Surface Miners • for cutting very hard rock • with armouring of the tool head to use the carbide tip in an optimum way (o = 27 mm) • with extended tool head to reduce the cutting forces © 27 © 27 Carbide weight

WSM2-17-90P/42 (replaces WSM-17/2-42-90 EP) Part No.: 2234194 Pick for Surface Miners • for cutting medium-hard, abrasive materials with extended tool head to reduce the cutting forces • with cap-shaped carbide as well as armouring of the tool head 90 to increase the service life ø 63 ø 17 ø 73 26 44.66 g ø 42 Carbide weight



DELIVERY RANGE OF PICKS FOR SURFACE MINERS $(\emptyset = 38/30 \text{ MM AND } 42 \text{ MM})$



Pick identifier	Carbide of the p		Part No. (per unit)	Quantity per toolbox	Weight per toolbox (kg)	Quantity standard palett (overseas palett)	Page
WSM1-13-77/38/30LR		38.78 g	95744	10	0.50	540	54
WSM1-15-77/38/30LR		47.82 g	47571	10	0.50	540	54
WSM1-15-77/42		47.82 g	2143234	6	0.50	324	55
WSM1-15-90/38/30CR		47.82 g	2218490	10	0.50	540	55
WSM1-17-77/38/30LR		73.69 g	48350	10	0.50	540	56
WSM1-17-77/42		73.69 g	2112487	6	0.50	324	56
WSM1-17-77/42LR		73.69 g	2197793	6	0.50	324	57
WSM1-17L-90/37/29CR		95.20 g	2199767	10	0.50	540	57
WSM1-19-77/38/30LR		89.66 g	70225	10	0.50	540	58
WSM1-19-77/42		89.66 g	2100411	6	0.50	324	58
WSM1-22-77P/42		139.96 g	2091737	6	0.50	324	59
WSM1-25-77P/42		205.17 g	2100415	6	0.50	324	59
WSM1-27-85VP/42		209.36 g	2268140	6	0.50	324	60
WSM2-17-90P/42		44.66 g	2234194	6	0.50	324	60

ORIGINAL WIRTGEN QUICK-CHANGE TOOLHOLDER SYSTEMS — THE STANDARD OF QUALITY AND ECONOMY

Optimized systems for picks and toolholders

Toolholders are highly stressed components. Almost the entire engine power is converted into cutting performance via the toolholders. When cutting through extremely hard materials, a toolholder must withstand up to five million load cycles during its service life and guarantee optimum rotation of the picks. That is why Wirtgen engineers attach particular importance to using extremely wear-resistant materials and optimally designed toolholder systems.

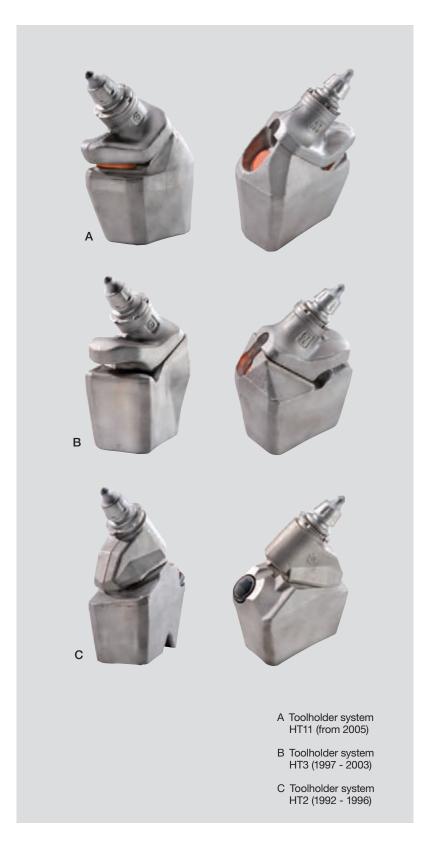
Wirtgen – setting standards in toolholder systems

Instead of welding the toolholders onto the drum as in older machines, Wirtgen's concept was to develop holders which could be replaced quickly and easily.

The first generation of Wirtgen quick-change toolholders was ready for series production in 1992 and ensured that worn or damaged toolholders could be replaced in a matter of minutes: on site and without requiring any cut-off or welding machines. The cash value of this advantage was immediately appreciated by the contractors.

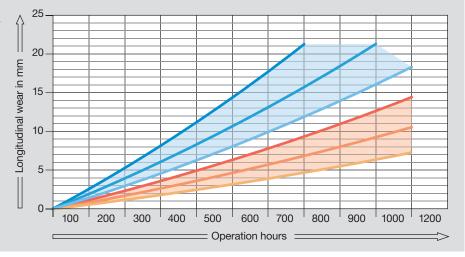
In addition to being easy to replace, the Wirtgen quick-change toolholder systems are characterized by a long service life, thanks to the elimination of welds and the use of high-quality materials.

The success of Wirtgen's unique quickchange toolholder systems is due not only to the detailed theoretical analyses and computer simulations, but also to exhaustive practical tests by customers on innumerable sites and in extreme special jobs.





Longitudinal wear of toolholders in largevolume and small milling machines as a function of operating hours.



- Large milling machines max
 Large milling machines average
 Large milling machines min
 Small milling machines may
- Small milling machines maxSmall milling machines average
- Small milling machines min

Manufacturing at the highest level of quality using modern production methods

Road milling and recycler machine operating costs are essentially determined by the service lives of the perishable tools. That means it is exactly these parts that must satisfy the highest quality requirements.

By manufacturing with the forging process, high quality materials are cost-effective processed and, moreover, attain enormously high component strengths. Tight tolerance ranges are maintained during the subsequent machining to produce the most exacting components as required later in milling use, e.g., during fine milling.

The concluding annealing and hardening of the toolholders is especially important because both the high degree of hardness ensures low wearing and the necessary tenacity are the most important attributes.

Using the latest manufacturing and testing methods, Wirtgen supplies permanent toolholders with uniform quality, guaranteeing ideal service lives for the toolholder systems.

1 Forging process for the upper part of the quick-change toolholder.

2 High-precision, automatic machining of the upper part of the quick-change toolholder.





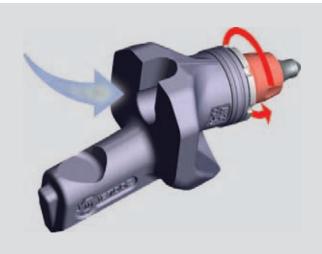
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ORIGINAL WIRTGEN TOOLHOLDER SYSTEM "ROTARY SYSTEM"



The toolholder system with improved pick rotation: the Rotary System for reduced pick wear

and easier pick assembly.





- 1 Recess in the back of the upper part
- 2 Fine RAP particles are flushed out of the toolholder bore
- 3 Constant flushing reduces sticking by the pick
- 4 Additional pick cooling in the shank area
- 5 Optimum access for driving out picks

THE COMPLETE DELIVERY RANGE OF QUICK-CHANGE SYSTEMS



Talalla	- -	Shank diameter						
Iooine	older system	Ø 20	Ø 22	Ø 25				
	Toolholder	Toolholder HT11-R Part No.: 187002 Page 69	Toolholder HT11-R Part No.: 199001 Page 69	Toolholder HT11 Part No.: 199002 Page 69				
HT11	Dummy	Dummy upper part HT11 Part No.: 194755 Page 69	Dummy upper part HT11 Part No.: 194755 Page 69	Dummy upper part HT11 Part No.: 194755 Page 69				
	Accessory	Retainer screw HT11 M30x2 Part No.: 158501 Page 69	Sealing plug HT11 Part No.: 158508 (1 piece) Part No.: 187004 (100 pieces) Page 69	Bottom part sealing HT11 Part No.: 158509 (1 piece) Part No.: 187005 (100 pieces) Page 69				
	Toolholder	Toolholder HT3-R Part No.: 198000 Page 71	Toolholder HT3-R Part No.: 198001 Page 71					
НТ3	Dummy	Dummy upper part HT3 Part No.: 101472 Page 71	Dummy upper part HT3 Part No.: 101472 Page 71	Dummy upper part HT3 Part No.: 101472 Page 71				
1113	Accessory	Retainer screw HT3 M24x2 Part No.: 79998 Page 71 Sealing plug HT3 Part No.: 126110 Page 71	Retainer screw HT3 M24x2 Part No.: 79998 Page 71 Sealing plug HT3 Part No.: 126110 Page 71	Retainer screw HT3 M24x2 Part No.: 79998 Page 71 Sealing plug HT3 Part No.: 126110 Page 71				
HT2	Toolholder	Toolholder HT2 Part No.: 49765 Page 73 Toolholder HT2-170 Part No.: 74801 Page 73 Correcting toolholder HT2 Part No.: 82755 Page 73	Toolholder HT2-170 Part No.: 97180 Page 73					
	Dummy	Dummy upper part HT2 Part No.: 89888 Page 73	Dummy upper part HT2 Part No.: 89888 Page 73	Dummy upper part HT2 Part No.: 89888 Page 73				
	Accessory	Retainer screw HT2 Part No.: 56290 Page 73	Retainer screw HT2 Part No.: 56290 Page 73	Retainer screw HT2 Part No.: 56290 Page 73				





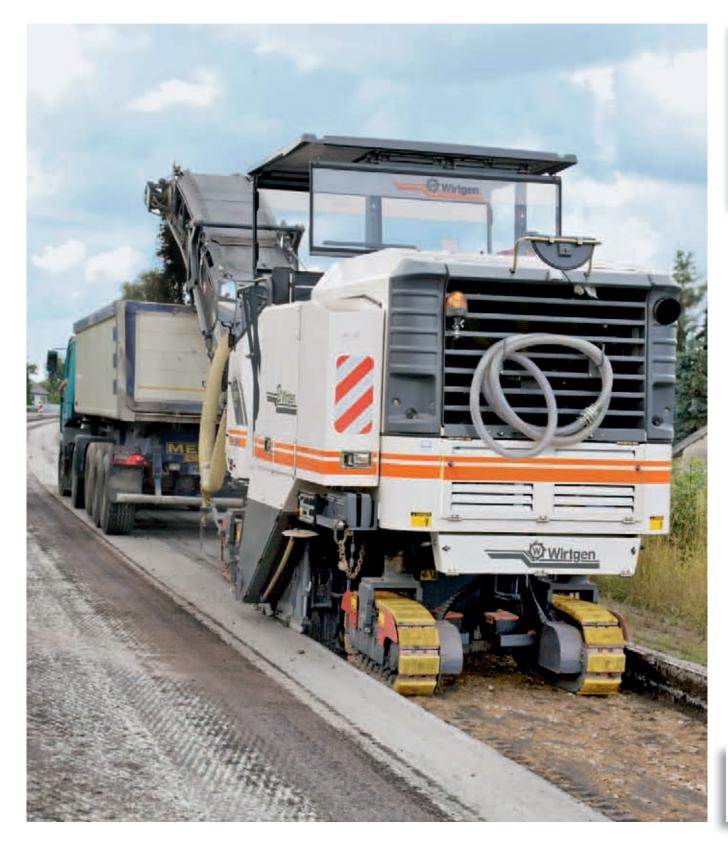
THE COMPLETE DELIVERY RANGE OF WELDED TOOLHOLDER SYSTEMS AND TOOLHOLDER SYSTEMS SURFACE MINING

Welded		Shank diameter					
toolholder	systems	Ø 13	Ø 20	Ø 22	Ø 25		
НТ9	Toolholder				Toolholder HT9 Part No.: 137503 Page 75		
HT13	Toolholder				Toolholder HT13 Part No.: 2068238 Page 75		
HT5 plus	Toolholder		Toolholder HT5 plus Part No.: 194362 Page 75				
HT5	Toolholder		Toolholder HT5 Part No.: 74745 Page 75	Toolholder HT5 Part No.: 124218 Page 75			
HT04	Toolholder	Toolholder HT04 Part No.: 57629 Page 75					
HT4	Toolholder	Toolholder HT4 Part No.: 72258 Page 75					
HT03	Toolholder		Toolholder HT03 Part No.: 5243 Page 75				
HT02	Toolholder		Toolholder HT02 Part No.: 5244 Page 75	Toolholder HT02 Part No.: 2046579 Page 75			
HT01	Toolholder		Toolholder HT01 Part No.: 36780 Page 75				
Edge protector	Toolholder		Edge protector 3-way Part No.: 69902 Page 75	Edge protector 3-way Part No.: 162459 Page 75			

Surface m	ining	Shank diameter			
toolholder	systems	Ø 38-30	Ø 42		
HT6	Toolholder	Toolholder HT6 Part No.: 95781 Page 76			
HT06	Toolholder	Toolholder HT06 Part No.: 78556 Page 76			
HT14	Toolholder		Toolholder HT14 Part No.: 2068087 Page 76		
HT15	Toolholder		Toolholder HT15 (incl. plugs and screws) Part No.: 2202084 Page 78		
11113	Accessory	Retainer screw HT15 M36x2 Part No.: 2162867 (1 piece) Page 78	Sealing plug HT15 Part No.: 2189085 (1 piece) Page 78		









ORIGINAL WIRTGEN QUICK-CHANGE TOOLHOLDER SYSTEM HT11 FOR MILLING MACHINES, COLD RECYCLERS AND SOIL STABILIZERS

Convenient replacement, fast servicing

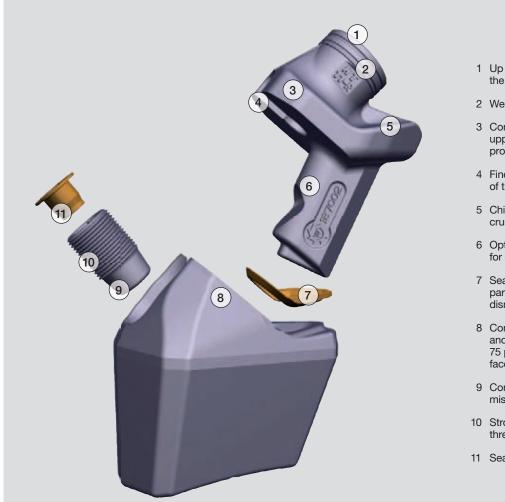
With the quick-change toolholder system HT11, Wirtgen has engineered a field-proven solution for road milling machines and recyclers, making the operation and servicing of the machines even more convenient, fast, and thus even more profitable.

Enlarging the contact surface of the upper part to completely cover that of the bottom part ensures a tight fit between the two. A seal prevents dirt particles from entering the gap between upper part and bottom part during the milling operation.

Upper part HT11-R for improved pick rotation

Optimum rotation of the cutting tools is often impaired by material soiling the toolholder's drill hole. With the upper part type HT11-R, the fine particles of milled material are flushed from the drill hole via a recess at the back of the upper part. The pick is essentially prevented from sticking in the bore and the pick can be used for a significantly longer period of time due to the improved rotation.

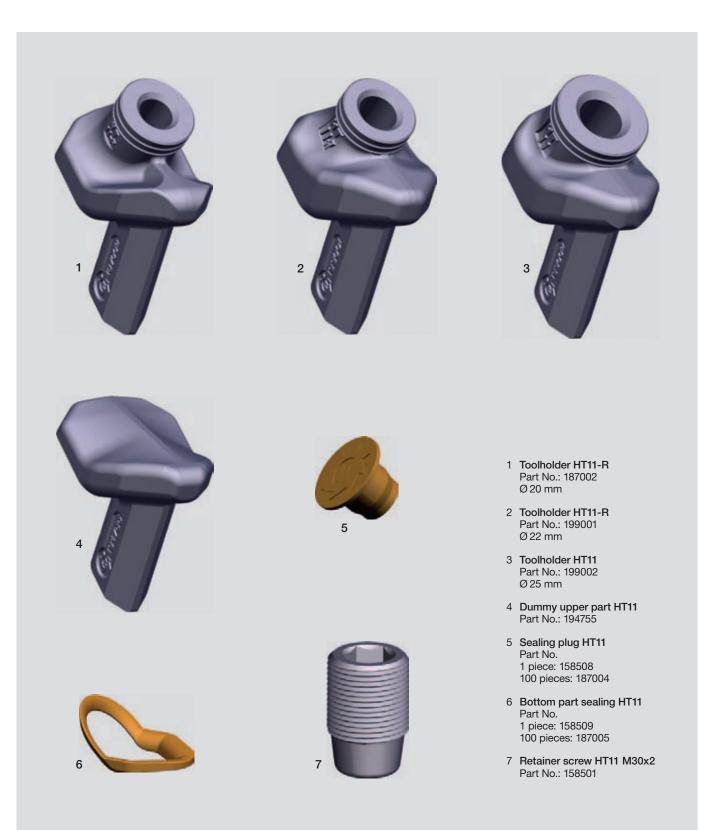
Easier access with the Wirtgen ejector tools makes life even simpler.



- 1 Up to 20 percent longer service life of the upper part thanks to system 45
- 2 Wear markers at intervals of 5 mm
- 3 Complete coverage by the upper part provides improved protection of the bottom part
- 4 Fine RAP particles are flushed out of the bore through the recess
- 5 Chip breaking web for additional crushing of milled material
- 6 Optimized shank angle geometry for greater component strength
- 7 Seal between upper and bottom parts for simple and quick assembly/ dismantling of the upper part
- 8 Contact surface between upper and bottom parts increased by 75 percent to prolong the surface life of the bottom part
- 9 Conical stud for reliable transmission of clamping force
- 10 Strong fixing screw with M30x2 thread and 17 mm hexagon socket
- 11 Sealing plug for bolt head





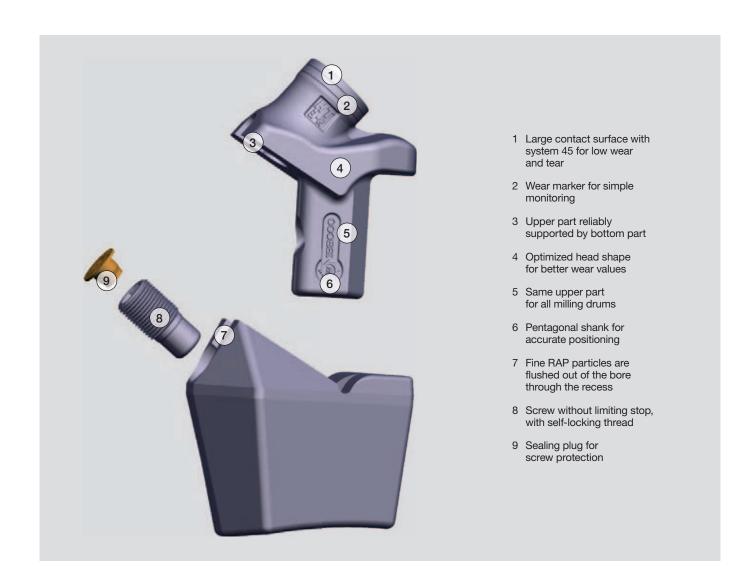


ORIGINAL WIRTGEN QUICK-CHANGE TOOLHOLDER SYSTEM HT3 FOR MILLING MACHINES, COLD RECYCLERS AND SOIL STABILIZERS

The quick-change toolholder system HT3 (1997-2004) is a further development of the first generation of Wirtgen's quick-change toolholders. The system was decisively optimized in 2001 when the contact surface of the wear plate was increased by more than 50% to 45 mm, thus reducing wear on both the pick and the toolholder.

Since then, the "HT3 Plus" system has already proved its value on numerous milling drums. In addition to the contact surface, the protective cladding on the upper part has also been enlarged.

- Standard upper part for picks with 20 mm shank for
 - cold milling machines W 600 DC,
 W 1000 L, W 1000, W 1000 F, W 1200 F,
 W 1300 F, 1300-2000 DC, W 1500,
 W 1900, W 2000, 2100 DC, W 2100 and
 W 2200
 - recycler WR 2500 and WR 2500 S
- Standard upper part for picks with 22 mm shank for
 - recycler WR 2500, WR 2500 S and soil stabilizer Raco 350
- Dummy upper part for the protection of the bottom part of the quick-change toolholder to change the pick spacing on the milling drum.







ORIGINAL WIRTGEN QUICK-CHANGE TOOLHOLDER SYSTEM HT2 FOR MILLING MACHINES, COLD RECYCLERS AND SOIL STABILIZERS

The quick-change toolholder system HT2 (1992-1996) was especially developed for a wide variety of machine types and applications.

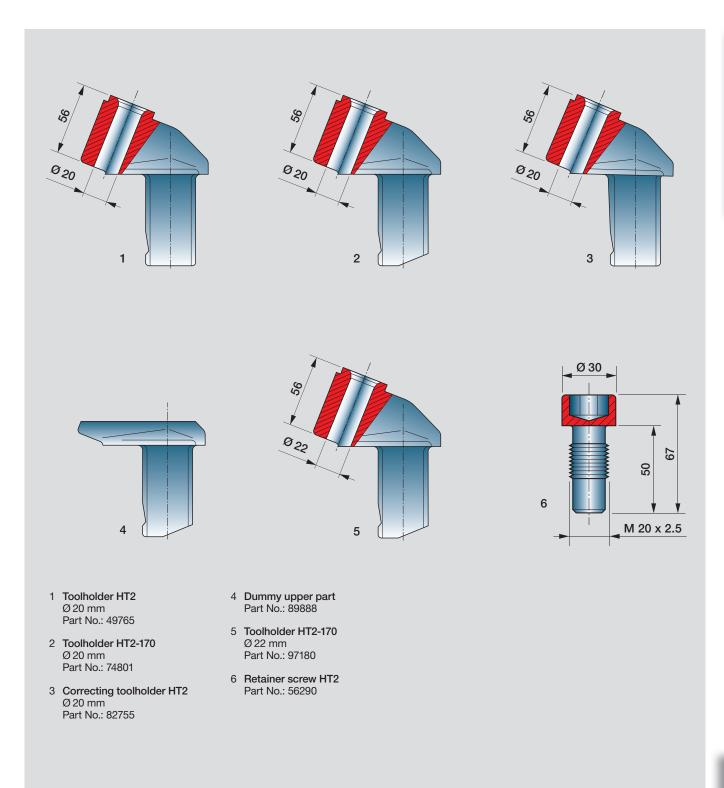
- Standard upper part for picks with 20 mm shank
 - for milling machines W 1000 F, 1300-2000 DC and 2100 DC
- Standard upper part for picks with 20 mm shank
 - for milling machine W 1000
 - for recycler WR 2500
- Special upper part for picks with 22 mm shank
 - for recycler WR 2500

- Correcting upper part with modified square shank for use on milling drums with more than 2000h hours of operation
 - for milling machines 1300-2000 DC and 2100 DC
- Dummy upper part to protect the bottom part of the quick-change toolholder in modified pick arrangements
 - for milling machines with fine milling drums
 - for recycler WR 2500











ORIGINAL WIRTGEN WELDED TOOLHOLDERS FOR ROAD MILLING MACHINES, COLD RECYCLERS AND SOIL STABILIZERS

Small toolholders for miniature pick systems with shank diameter 13 mm

The miniature pick system is used on milling drums or various cutting wheels requiring extremely small installed sizes.

Two types are available here:

- HT04: Wrought toolholder for miniature picks without positioning.
- HT4: Socket-type toolholders for miniature picks with precise positioning in a prepared milling drum tube.

Toolholders for picks with shank diameter 20 mm

These toolholders represent the worldwide standard for the conventional shank diameter of picks for road milling machines.

Good weldability and a long service life are achieved due to the use of high-quality materials and special tempering processes.

The following types are available:

- HT02 and HT03: Simple, forged toolholders. Without positioning.
- HT01: Tried-and-tested nopped holder with large contact area (diameter 42 mm) and two positioning pins for accurate positioning on the welded helical elements. The toolholders are chamfered for easier welding.
- HT5: Socket-type toolholders for picks with accurate positioning on a prepared milling drum tube.

 HT5 plus: Sleeve-type toolholder with pick contact area enlarged to 44 mm to reduce toolholder wear. Can be accurately positioned on the prepared milling drum case.

Toolholders for picks with shank diameter 25 mm

- HT9: Simple, forged toolholders. Without positioning.
- HT13: Sleeve-type toolholders for picks with 25 mm shank, especially for soil stabilization and cold recycling. Can be positioned on prepared retainers on the milling drum.

Edge protection for picks with shank diameter 20 and 22 mm

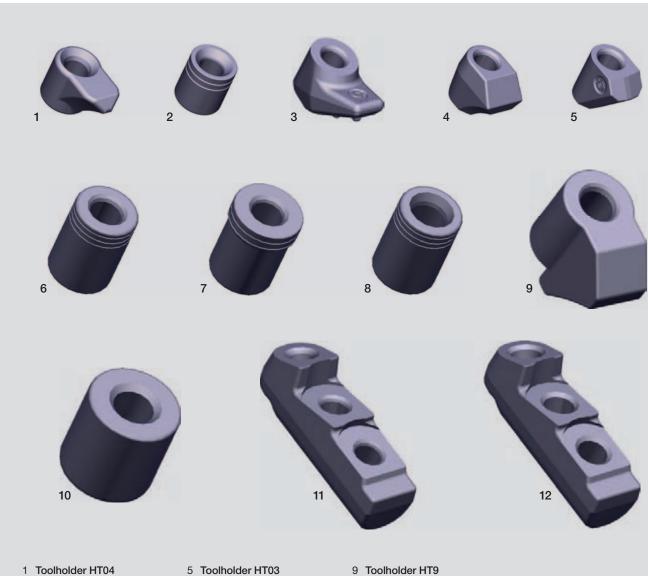
 Edge protectors: Triple toolholders with preset contact angles.











- 1 Toolholder HT04 Ø 13 mm Part No.: 57629
- 2 Toolholder HT4 Ø 13 mm Part No.: 72258
- 3 Toolholder HT01 Ø 20 mm Part No.: 36780
- 4 Toolholder HT02 Ø 20 mm Part No.: 5244 Ø 22 mm Part No.: 2046579

- 5 Toolholder HT03 Ø 20 mm Part No.: 5243
- 6 Toolholder HT5 Ø 20 mm Part No.: 74745
- 7 Toolholder HT5 plus Ø 20 mm Part No.: 194362
- 8 Toolholder HT5 Ø 22 mm Part No.: 124218

- 9 **Toolholder HT9** Ø 25 mm Part No.: 137503
- 10 **Toolholder HT13** Ø 25 mm Part No.: 2068238
- 11 Edge protector 3-way Ø 20 mm Part No.: 69902
- 12 Edge protector 3-way Ø 22 mm Part No.: 162459





ORIGINAL WIRTGEN WELDED TOOLHOLDERS FOR SURFACE MINING

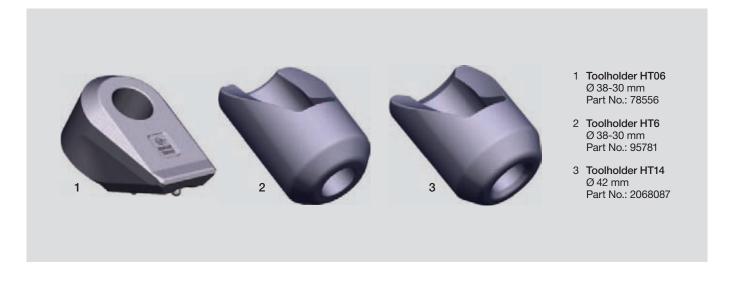
Highly robust toolholders for Surface Miners

Unlike the relatively homogeneous structure of an asphalt pavement, the irregular rock formations can cause enormous peak loads on the individual toolholders. For this reason, special systems have been developed in which all the components and their connections on the milling drum are adapted specifically to the loads encountered.

- Toolholder HT06: Heavy-duty nopped holder with two positioning pins for accurate positioning on the welded helical elements. The toolholders are chamfered for easier welding.
- Toolholder HT6: Socket-type for picks with exact positioning feature on prepared bottom parts on the milling drum tube. The shape of the toolholder in relation to the bottom part is selected such that high loads can be transferred.
- Toolholder HT14: In bushed form, similar to the HT6 toolholder but with 42 mm pick bore and increased outer diameter as wear cladding.









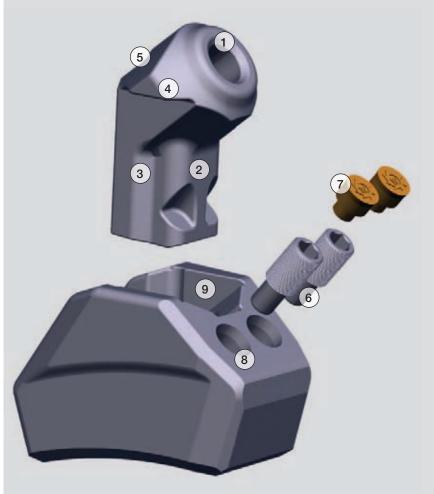




ORIGINAL WIRTGEN QUICK-CHANGE TOOLHOLDER SYSTEM HT15 FOR SURFACE MINING

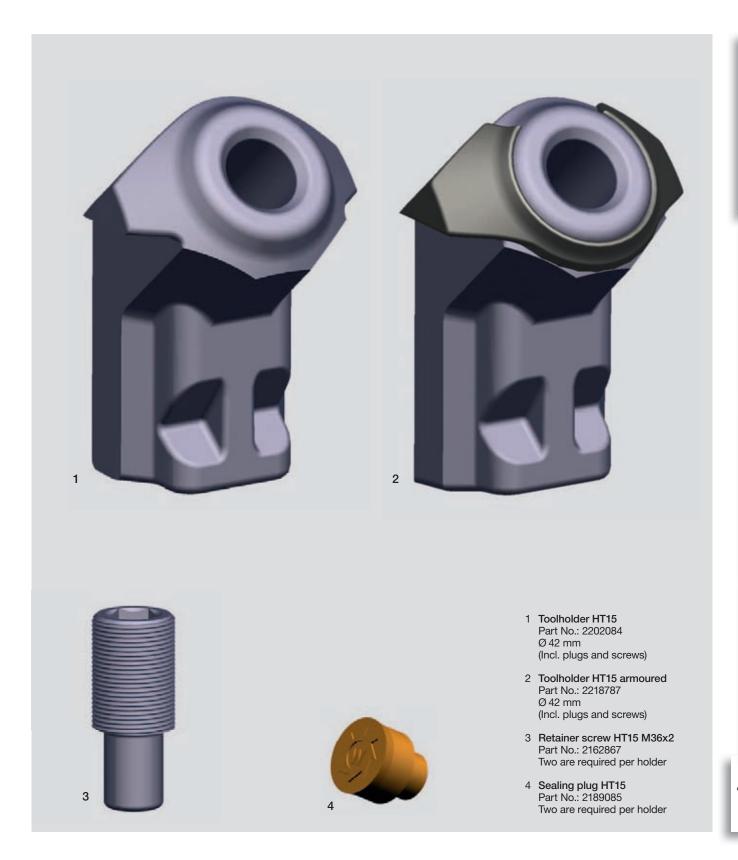
Based on decades of experience in the area of road milling machines, in 2011 the world's first quick-change toolholder system for surface mining applications was developed. Thanks to the quick and straightforward replacement of worn toolholders, the availability and therefore also the productivity of the machine can be significantly increased. Due to this innovation the economical extraction of resources as well as the extraction of rock become even more attractive.





- 1 Robust shaft mounting for the usage of picks with a diameter of 42 mm
- 2 Precise contact surfaces between top and bottom part for diversion of the resulting cutting forces
- 3 Special heat treatment of the holder shaft for increased strength
- 4 Material guides protect the bottom part against abrasion wear
- 5 Generous opening on the top part for optimal accessibility during the tool change
- 6 Solid mounting screw with M36x2 thread and 22 mm hexagon socket
- 7 Flexible silicone plugs for sealing fine thread against dirt and moisture
- 8 Pronounced recesses in the bottom part protect the internal thread and screws against damage
- 9 Double prism results in optimal seating and supporting action for the top part in the bottom part







ORIGINAL WIRTGEN SERVICE PACKAGES FOR EJECTORS TYPE 1



Long-life ejectors

Optimally arranged ejectors on the milling drum facilitate the direct transfer of the reclaimed asphalt pavement (RAP) from the drum chamber to the loading conveyor.

An adequate wearing course on the ejector bar is required at all times to ensure a trouble-free milling process and smooth transport of the material. If this is not the case, the ejectors on the milling drum should be replaced completely. Selection and ordering are easier with our service packages.

Ejectors type 1 Single fastening screw Part No.: 4633 (not shown) Single fastening nut Part No.: 36105 (not shown) Single fastening nut Part No.: 36105 (not shown) Single locking washer (one per screw joint) Part No.: 5160 (not shown)

Machine type	Model	Width of the milling drum (mm)	Ejector width (mm)	No. of ejectors in the service package	Part No.
W 600 DC, W 1000 L, W 1000,	ovonv	400/500/600	150	5	194342
W 60, W 60i, W 100, W 100i	every	1000	150	4	194343
W 1000 F, W 1200 F,	07.10	1000/1200	150	6	194344
W 1300 F	07.10	1320	250	6	194345
W 100 F, W 100 Fi, W 120 F, W 120 Fi,	08.10,	1000	250	3	2143853
W 130 F, W 130 Fi	13.10	1200/1300	150	6	194344
W 150, W 150i	05.13, 06.13	1200/1300/1500	150	6	194344
W 1500, W 1900	every	1320/2000	250	6	194345
W 1300, W 1900	every	1500	250	5	194346
1300-2000 DC, W 2000, 2100 DC, W 2100,	every	2000/2100/2200	250	6	194345
W 200, W 200i, W 210, W 210i	every	2000/2200	250	6	194345
W 220	05.22	2200/2500	250	6	194345
W 2200, W 250	every	2200/3800/4300	250	6	194345

Service package includes the listed number of ejectors and all the necessary components for fitting.



ORIGINAL WIRTGEN SERVICE PACKAGES FOR EJECTORS TYPE 2



Ejectors type 2



1 Ejector width 150 mm Part No.: 2140636

2 Ejector width 250 mm Part No.: 2140635 Single fastening screw Part No.: 4620 (not shown)

Single fastening nut (self-locking) Part No.: 30392 (not shown)

The next generation: ejector type 2

To optimize the milling process it is necessary to transport the milled material quickly and effectively out of the milling drum housing. Due to the revised design and improved geometry of the type 2 ejectors, this process has been considerably improved.

The efficient removal of the milled material reduces the wear on the milling drum tube as well as on all cutting components (picks, toolholder system and milling drum tube).

As the ejectors are designed symmetrically, and therefore have two identical wear edges, they can be turned. As a result the service life of the ejector can be significantly increased. In addition, due to the hexagonal shape in the frontal area, fitting is made significantly easier and the time required for changing reduced.

Machine type	Model	Width of the milling drum (mm)	Ejector width (mm)	No. of ejectors in the service package	Part No.
W 600 DC, W 1000 L, W 1000,	OVOD.	400/500/600	150	5	2151555
W 60, W 60 i, W 100, W 100i	every	1000	150	4	2151556
W 1000 F, W 1200 F,	07.10	1000/1200	150	6	2151560
W 1300 F,	07.10	1320	250	6	2151580
W 100 F, W 100 Fi, W 120 F, W 120 Fi,	08.10,	1000	250	3	2151581
W 130 F, W 130 Fi	13.10	1200/1300	250	6	2151580
W 150, W 150i	05.13, 06.13	1200/1300/1500	150	6	2151560
W 1500, W 1900	every	1320/2000	250	6	2151580
VV 1300, VV 1900	every	1500	250	5	2151582
1300-2000 DC, W 2000, 2100 DC, W 2100	every	2000/2100/2200	250	6	2151580
W 200, W 200i, W 210, W 210i	every	2000/2200	250	6	2151580
W 220	05.22	2200/2500	250	6	2151580
W 2200, W 250	every	2200/3800/4300	250	6	2151580

Service package includes the listed number of ejectors and all the necessary components for fitting.





ORIGINAL WIRTGEN CONVERSION KITS FOR EJECTORS TYPE 2



Conversion kit for new ejector generation type 2

Using the conversion kits that are now available for the milling drums listed below, we offer you the option of switching to the more economical type 2 ejector system.

This guarantees shorter changeover compared to the previous model.

The conversion kit contains all the components you need; compared to the service package, however, it includes the holder parts for the new type 2 ejector that replaces the old bottom part.

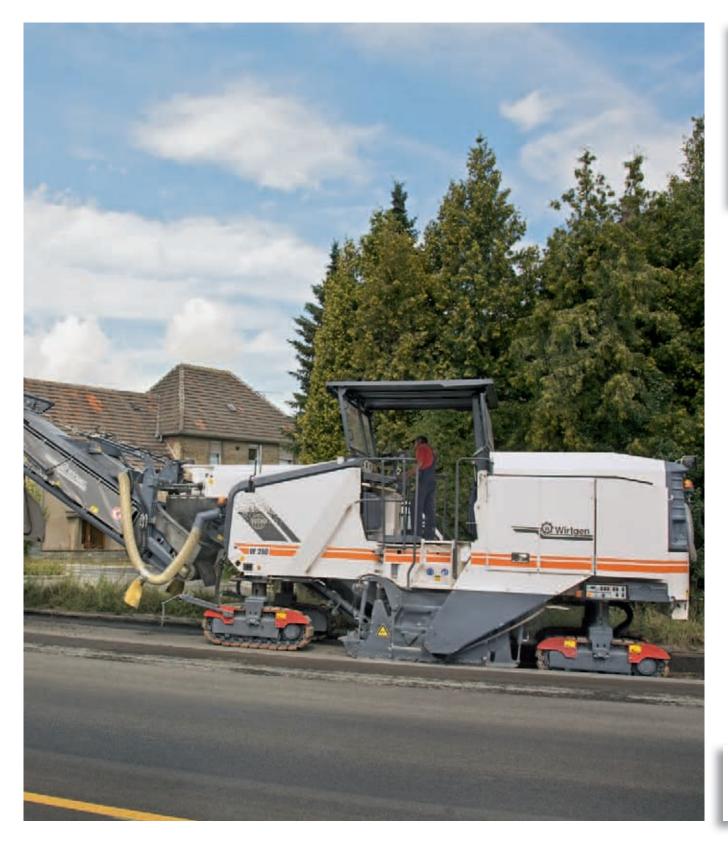


Machine type	Model	Width of the milling drum (mm)	Ejector width (mm)	No. of ejectors in the service package	Part No.
W 600 DC, W 1000 L, W 1000,	O) (OP) (400/500/600	150	5	2151538
W 60, W 100	every	1000	150	4	2151539
W 1000 F, W 1200 F,	07.10	1000/1200	150	6	2151540
W 1300 F	07.10	1320	250	6	2151541
W 100 F, W 120 F,	08.10,	1000	250	3	2151542
W 130 F	13.10	1200/1300	250	6	2151541
W 150	05.13, 06.13	1200/1300/1500	150	6	2151540
W 1500, W 1900	OVOR	1320/2000	250	6	2151541
W 1500, W 1900	every	1500	250	5	2151544
1300-2000 DC, W 2000, 2100 DC, W 2100	every	2000/2100/2200	250	6	2151541
W 2200	every	2200/3800/4300	250	6	2151541

The conversion kits for ejectors type 2 include the listed number of ejectors and all the necessary components for fitting.









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ORIGINAL WIRTGEN MILLING DRUMS FROM THE WORLD MARKET LEADER FOR VERSATILE USES

The leader in engineering design and production of milling drums

Milling drums designed and produced in the Windhagen plant form the central element of the Wirtgen road milling machines known throughout the world. The mere fact that Wirtgen is a market leader in this sector explains the importance of cutting technology within the company.

It also explains why Wirtgen has continuously invested in expanding this central area of competence to the benefit of the company's customers.



The key to versatile milling machines

Operators want to use their milling machines for as many different jobs as possible. That is why Wirtgen supplies a large variety of optional drums as part of its standard range.

This allows the customer to engage in a wealth of applications for machining pavements, performing recycling contracts or in the selective extraction of hard rock. The decision to buy a Wirtgen machine is underlined by this versatility.



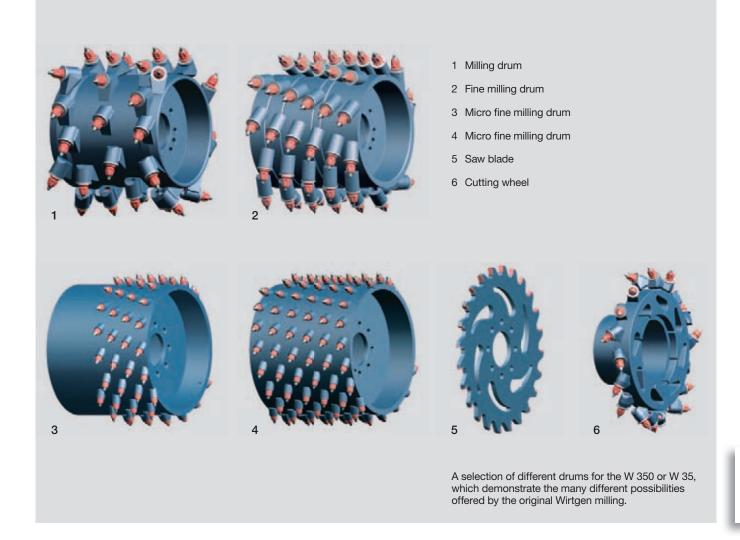


Special projects bring proximity to the customer

New requirements are repeatedly imposed upon the construction industry and that is why almost never a day passes without Wirtgen receiving at least one enquiry for a solution using milling technology.

And solutions have evidently been found, as proved by the numerous special milling drums supplied for machines built by Wirtgen and other companies, as well as for special machines, such as stationary processing plants or even minesweepers.

The engineering design and production departments are equipped with state-of-the-art CAD- and CNC-technology so that these solutions can be realized cost-efficiently. The new product is born on a computer screen and based on decades of experience accumulated by the engineering and production experts. It is then optimized with the aid of intelligent computer programs. Finally, after corresponding simulations and analyzes, and after approval by the competent project manager, the data are transferred online to the production department so that the customer can use his special milling drum on-site in the shortest possible space of time.

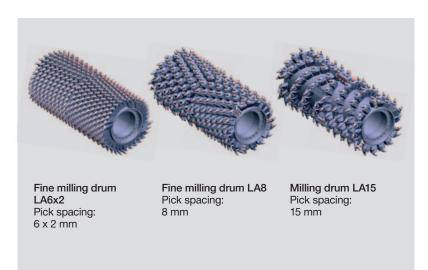


ORIGINAL WIRTGEN MILLING DRUMS FROM THE WORLD MARKET LEADER FOR VERSATILE USES

Fine milling is setting new standards in milling results world-wide

By special and precise finishing processes Wirtgen can nowadays design pick spacings up to 3 mm.

So milling contractors are offered a multitude of new applications: Their Wirtgen milling machines can work on sites with high quality demands on the surface. The new patented Flexible Cutter System (FCS) makes the milling drum exchange much easier.











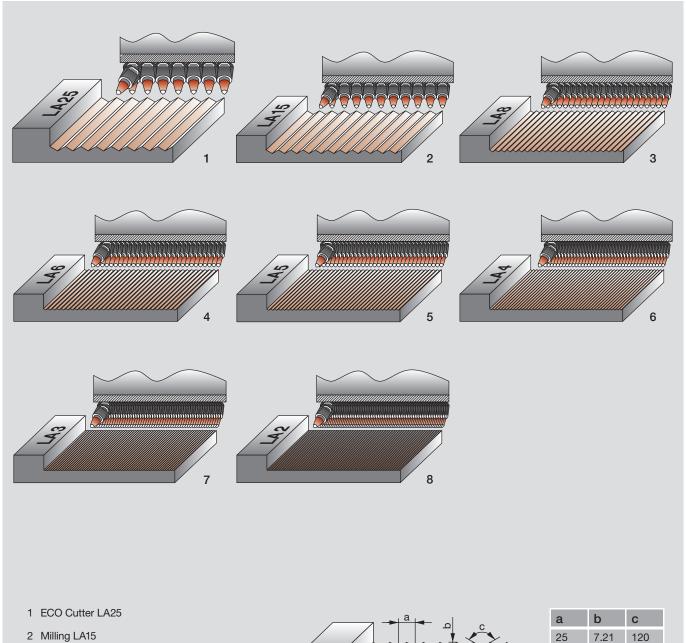
- 1 Improving the skid resistance of the pavement.
- 2 Restoring the evenness/levelling.
- 3 Pavement markings are removed quickly and accurately with a special unit.
- 4 Milling off resin surfaces/synthetic surfaces in factory halls.



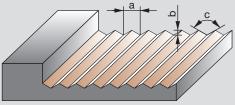
Wirtgen

3





- 3 Fine milling LA8
- 4 Fine milling LA6
- 5 Micro fine milling LA5
- 6 Micro fine milling LA4
- 7 Micro fine milling LA3
- 8 Micro fine milling LA2



- a = Pick spacing in mm
- b = Theoretical base height in mm c = Theoretical disruption angle in degree

а	b	С
25	7.21	120
15	4.33	120
8	2.31	120
6	1.73	120
5	1.44	120
4	1.15	120
3	0.87	120
2	0.58	120





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		Milling o	drum				Toolho	lder		Picks
Machine type	Model	Part No.	Туре	Milling width (mm)	Pick spacing (mm)	Milling depth max. (mm)	System	Quantity	Part No.	Quantity
		133848	Milling drum	500	12	100	HT01	47	36780	47
		68850	Milling drum	350	12	100	HT01	36	36780	36
		72257	Fine milling drum	350	6x2	30	HT4	116	72258	116
		74737	Fine milling drum	350	6	50	HT5	57	74745	57
		140808	Micro fine milling drum	350	3	30	HT4	117	72258	117
		105073	Milling drum	200	10	100	HT02	29	5244	29
W 350	02.03	151642	Milling drum	100	10	100	HT02	16	5244	16
W 350	02.03	139699	Fine milling drum	450+2x25	6x2	30	HT4	164	72258	164
		81564	Fine milling drum	300+2x25	6x2	30	HT4	116	72258	116
		129694	Micro fine milling drum	300+2x25	3	30	HT4	117	72258	117
		134590	Micro fine milling drum	150+2x25	3	30	HT4	67	72258	67
		105487	Milling drum	80		160	HT02	18	5244	18
		86750	Saw blade	19		100				18
		78569	Saw blade	14		100				24
		187363	Milling drum	350	12	60	HT01	36	36780	36
		187372	Fine milling drum	350	6	50	HT5	57	74745	57
		187368	Micro fine milling drum	350	3	30	HT4	117	72258	117
W 0E	05.02	192947	Micro fine milling drum	300+2x25	3	30	HT4	117	72258	117
W 35	05.03	194770	Micro fine milling drum	250+2x25	3	30	HT4	99	72258	99
		194767	Micro fine milling drum	200+2x25	3	30	HT4	83	72258	83
		194764	Micro fine milling drum	150+2x25	3	30	HT4	67	72258	67
		188357	Milling drum	80		60	HT02	12	5244	12





		Milling o	drum				Toolho	lder		Picks
Machine type	Model	Part No.	Туре	Milling width (mm)	Pick spacing (mm)	Milling depth max. (mm)	System	Quantity	Part No.	Quantity
		187228	Milling drum	500	12	110	HT01	47	36780	47
	04.03 06.05	193418	Fine milling drum	500	6	50	HT5	82	74745	82
		187201	Milling drum	350	12	110	HT01	36	36780	36
		187267	Fine milling drum	350	6	50	HT5	57	74745	57
		187266	Micro fine milling drum	350	3	30	HT4	117	72258	117
W 35 DC	04.03	193419	Micro fine milling drum	450+2x25	3	30	HT4	166	72258	166
		193337	Micro fine milling drum	300+2x25	3	30	HT4	117	72258	117
		195053	Micro fine milling drum	250+2x25	3	30	HT4	99	72258	99
		195052	Micro fine milling drum	200+2x25	3	30	HT4	83	72258	83
		193416	Micro fine milling drum	150+2x25	3	30	HT4	67	72258	67
		188358	Milling drum	80		110	HT02	12	5244	12
		67920	Milling drum	500	15	160	HT01	50	36780	50
		89502	Fine milling drum	500	6	50	HT5	82	74745	82
W 500	06.05	56855	Milling drum	80		220	HT02	24	5244	24
		113292	Saw blade	19		120				24
		79855	Saw blade	14		120				24





Machine type W 50		Milling	drum				Toolho	Picks		
	Model	Part No.	Туре	Milling width (mm)	Pick spacing (mm)	Milling depth max. (mm)	System	Quantity	Part No.	Quantity
		177107	Milling drum	500	15	160	HT01	32	36780	32
		166076	Milling drum	500	15	160	HT01	50	36780	50
		172199	Fine milling drum	500	6	50	HT5	84	74745	84
		179276	Micro fine milling drum	500	3	30	HT5	166	74745	166
		177011	Milling drum	500	3	30	HT4	166	72258	166
W FO	08.05,	180541	Micro fine milling drum	450+2x25	6	50	HT5	62	74745	62
W 50	10.05	172193	Milling drum	400	12	160	HT01	46	36780	46
		172195	Milling drum	300	12	160	HT01	38	36780	38
		180542	Micro fine milling drum	300	3	30	HT4	101	72258	101
		172201	Micro fine milling drum	300+2x25	3	30	HT4	117	72258	117
		176725	Milling drum chan- nel	500	15	160	HT5	40	74745	40
		172197	Milling drum	80		160	HT02	30	5244	30
		166444	Milling drum	500	15	210	HT01	50	36780	50
		177179	Fine milling drum	500	6	50	HT5	82	74745	82
		178362	Micro fine milling drum	500	3	30	HT4	166	72258	166
		178814	Milling drum	400	12	210	HT01	46	36780	46
W 50 DC	09.05	178815	Milling drum	300	12	210	HT01	38	36780	38
		178953	Milling drum	200	10	210	HT01	29	36780	29
		183191	Fine milling drum	450+2x25	6x2	30	HT4	164	72258	164
		183119	Milling drum	80		210	HT02	24	5244	24
		179301	Milling drum	80		300	HT02	30	5244	30





		Milling o	drum				Toolho	lder		Picks
Machine type	Model	Part No.	Туре	Milling width (mm)	Pick spacing (mm)	Milling depth max. (mm)	System	Quantity	Part No.	Quantity
		185260	Milling drum	600	15	300	HT11	54	187002	75
		185276	Milling drum	500	15	300	HT11	46	187002	67
W 600 DC	07.05	185277	Milling drum	400	15	300	HT11	40	187002	61
		185278	Milling drum	300	15	250	HT11	31	187002	55
		111335	Milling drum	80		250	HT02	30	5244	30
		185260	Milling drum	600	15	300	HT11	54	187002	75
W 60, W 60i	09.10, 12.10	185276	Milling drum	500	15	300	HT11	46	187002	67
		185277	Milling drum	400	15	300	HT11	40	187002	61
W 4000 I	07.05	184990	Milling drum	1000	15	250	HT11	76	187002	100
W 1000 L	07.05	185272	Fine milling drum	1000	8	100	HT11	130	187002	130
W 1000	04.10	71250	Milling drum	1000	15	180	HT01	80	36780	84
W 1000	05.10	184990	Milling drum	1000	15	250	HT11	76	187002	100
W 1000	05.10	185272	Fine milling drum	1000	8	100	HT11	130	187002	130
		2049635	Milling drum	1000	15	300	HT11	76	187002	100
W 100,	09.10,	2049700	FCS milling drum	1000	15	300	HT11	76	187002	100
W 100i	12.10	2062030	FCS fine milling drum	1000	8	100	HT11	130	187002	130
		2062033	FCS fine milling drum	1000	6x2	30	HT5	340	74745	340



Machine type W 1000 F		Milling	drum				Toolho	lder		Picks
	Model	Part No.	Туре	Milling width (mm)	Pick spacing (mm)	Milling depth max. (mm)	System	Quantity	Part No.	Quantity
		185280	Milling drum	1000	15	315	HT11	84	187002	102
	F 07.10	185279	Fine milling drum	1000	8	100	HT11	131	187002	149
		161484	Fine milling drum	1000	6x2	30	HT5	340	74745	340
		185288	FCS milling drum	1000	15	315	HT11	84	187002	102
	1000 F 07.10	185295	FCS fine milling drum	1000	8	100	HT11	131	187002	149
W 1000 F	07.10	185319	FCS fine milling drum	1000	6	50	HT11	168	187002	168
W 1000 F	07.10	150396	FCS fine milling drum	1000	6x2	30	HT5	340	74745	340
		185286	FCS milling drum	900	15	290	HT11	84	187002	102
		185296	FCS milling drum	750	15	290	HT11	66	187002	84
		185285	FCS milling drum	600	12	290	HT11	62	187002	80
		185313	FCS milling drum	500	15	290	HT11	48	187002	72
		185309	FCS milling drum	300	12	290	HT11	31	187002	55
		185290	Milling drum	1200	15	315	HT11	97	187002	115
		185284	Fine milling drum	1200	8	100	HT11	156	187002	174
		185287	FCS milling drum	1200	15	315	HT11	97	187002	115
		185297	FCS fine milling drum	1200	8	100	HT11	156	187002	174
		179345	FCS fine milling drum	1200	6x2	30	HT5	410	74745	410
W 1200 F	07.10	185288	FCS milling drum	1000	15	290	HT11	84	187002	102
		185286	FCS milling drum	900	15	290	HT11	84	187002	102
		185296	FCS milling drum	750	15	290	HT11	66	187002	84
		185285	FCS milling drum	600	12	290	HT11	62	187002	80
		185313	FCS milling drum	500	15	290	HT11	48	187002	72
		185309	FCS milling drum	300	12	290	HT11	31	187002	55





		Milling o	drum				Toolho	lder		Picks
Machine type	Model	Part No.	Туре	Milling width (mm)	Pick spacing (mm)	Milling depth max. (mm)	System	Quantity	Part No.	Quantity
		185281	Milling drum	1320	15	315	HT11	105	187002	123
		185312	FCS milling drum	1320	15	315	HT11	105	187002	123
		185308	FCS fine milling drum	1320	8	100	HT11	169	187002	187
		185287	FCS milling drum	1200	15	290	HT11	97	187002	115
W 1000 F	07.10	185288	FCS milling drum	1000	15	290	HT11	84	187002	102
W 1300 F	07.10	185286	FCS milling drum	900	15	290	HT11	84	187002	102
		185296	FCS milling drum	750	15	290	HT11	66	187002	84
		185285	FCS milling drum	600	12	290	HT11	62	187002	80
		185313	FCS milling drum	500	15	290	HT11	48	187002	72
		185309	FCS milling drum	300	12	290	HT11	31	187002	55
		192631	Milling drum	1000	15	320	HT11	81	187002	99
		2097570	FCS milling drum	1000	25	320	HT11	63	187002	87
		2105967	FCS milling drum	1000	18	320	HT11	72	187002	90
		194882	FCS milling drum	1000	15	320	HT11	81	187002	99
W 100 F, W 100 Fi	08.10, 13.10	2062047	FCS fine milling drum	1000	8	100	HT11	131	187002	149
		2062046	FCS fine milling drum	1000	6x2	30	HT5	340	74745	340
		197836	FCS milling drum	600	12	290	HT11	62	187002	80
		2054765	FCS milling drum	500	15	290	HT11	48	187002	72
		2062045	FCS milling drum	300	12	290	HT11	31	187002	55



		Milling o	drum				Toolho	lder		Picks
Machine type W 120 F, W 120 Fi W 130 F, W 130 Fi	Model	Part No.	Туре	Milling width (mm)	Pick spacing (mm)	Milling depth max. (mm)	System	Quantity	Part No.	Quantity
		199687	Milling drum	1200	15	320	HT11	97	187002	115
		2066479	FCS milling drum	1200	25	320	HT11	71	187002	95
		2102433	FCS milling drum	1200	18	320	HT11	82	187002	100
		197661	FCS milling drum	1200	15	320	HT11	97	187002	115
W 120 F,	08.10,	2062052	FCS fine milling drum	1200	8	100	HT11	156	187002	174
W 120 Fi	13.10	2062051	FCS fine milling drum	1200	6x2	30	HT5	410	74745	410
		2062050	FCS milling drum	900	15	290	HT11	84	187002	102
		197836	FCS milling drum	600	12	290	HT11	62	187002	80
		2054765	FCS milling drum	500	15	290	HT11	48	187002	72
		2062045	FCS milling drum	300	12	290	HT11	31	187002	55
		2057623	Milling drum	1300	15	320	HT11	103	187002	121
		2062068	FCS milling drum	1300	15	320	HT11	103	187002	121
		2097569	FCS milling drum	1300	25	320	HT11	68	187002	86
		2075664	FCS milling drum	1300	18	320	HT11	89	187002	107
W 130 F,	08.10,	2062071	FCS fine milling drum	1300	8	100	HT11	167	187002	185
W 130 Fi	13.10	2062070	FCS fine milling drum	1300	6x2	30	HT5	444	74745	444
		2062050	FCS milling drum	900	15	290	HT11	84	187002	102
		197836	FCS milling drum	600	12	290	HT11	62	187002	80
		2054765	FCS milling drum	500	15	290	HT11	48	187002	72
		2062045	FCS milling drum	300	12	290	HT11	31	187002	55





		Milling o	drum				Toolholder			Picks
Machine type	Model	Part No.	Туре	Milling width (mm)	Pick spacing (mm)	Milling depth max. (mm)	System	Quantity	Part No.	Quantity
		185268	Milling drum	1500	15	300	HT11	117	187002	135
W 1500	08.20, 09.20	185269	Milling drum	1320	15	300	HT11	105	187002	123
		185275	Fine milling drum	1320	8	100	HT11	169	187002	187
		2081393	Milling drum	1500	15	320	HT11	118	187002	136
		2095458	FCS milling drum	1500	25	320	HT11	82	187002	106
		2159612	FCS milling drum	1500	18	320	HT11	104	187002	122
		2090867	FCS milling drum	1500	15	320	HT11	118	187002	136
	2090830	FCS fine milling drum	1500	8	100	HT11	192	187002	210	
		2090831	FCS fine milling drum	1500	6x2	30	HT5	512	74745	512
W 150,	05.13,	2080530	Milling drum	1200	15	320	HT11	97	187002	115
W 150i	06.13	2066479	FCS milling drum	1200	25	320	HT11	63	187002	87
		2102433	FCS milling drum	1200	18	320	HT11	82	187002	100
		197661	FCS milling drum	1200	15	320	HT11	97	187002	115
		2062052	FCS fine milling drum	1200	8	100	HT11	156	187002	174
		2062051	FCS fine milling drum	1200	6x2	30	HT5	410	74745	410
		2062050	FCS milling drum	900	15	280	HT11	84	187002	102
		197836	FCS milling drum	600	12	280	HT11	62	187002	80
		185300	Milling drum	2000	15	320	HT11	144	187002	162
		185283	Fine milling drum	2000	8	100	HT11	256	187002	274
W 1000	08.20,	123977	Fine milling drum	2000	6x2	30	HT5	672	74745	672
W 1900	09.20, 10.20,	185301	FCS milling drum	2000	15	320	HT11	144	187002	162
		185298	FCS fine milling drum	2000	8	100	HT11	256	187002	274
		144986	FCS fine milling drum	2000	6x2	30	HT5	672	74745	672



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		Milling	drum				Toolholder			Picks
Machine type	Model	Part No.	Туре	Milling width (mm)	Pick spacing (mm)	Milling depth max. (mm)	System	Quantity	Part No.	Quantity
		185282	Milling drum	2200	15	320	HT11	156	187002	174
		185294	Fine milling drum	2200	8	100	HT11	280	187002	298
		2108644	Milling drum	2000	25	320	HT11	100	187002	124
		185300	Milling drum	2000	15	320	HT11	144	187002	162
W 0000	06.20,	185283	Fine milling drum	2000	8	100	HT11	256	187002	274
W 2000	11.20	123977	Fine milling drum	2000	6x2	30	HT5	672	74745	672
		2120787	FCS milling drum	2000	25	320	HT11	100	187002	124
		185301	FCS milling drum	2000	15	320	HT11	144	187002	162
		185298	FCS fine milling drum	2000	8	100	HT11	256	187002	274
		144986	FCS fine milling drum	2000	6x2	30	HT5	672	74745	672
		2112497	Milling drum	2200	15	330	HT11	156	187002	174
		2119183	FCS milling drum	2200	25	330	HT11	110	187002	134
		2193987	FCS milling drum	2200	18	330	HT11	141	187002	159
		2119184	FCS milling drum	2200	15	330	HT11	156	187002	174
		2119189	FCS fine milling drum	2200	8	100	HT11	280	187002	298
W 200.	12.20,	2119190	FCS fine milling drum	2200	6x2	30	HT5	748	194362	748
W 200i, W 210,	14.20, 13.20,	2112474	Milling drum	2000	15	330	HT11	144	187002	162
W 210i	15.20	2112502	FCS milling drum	2000	25	330	HT11	100	187002	124
		2128777	FCS milling drum	2000	18	330	HT11	130	187002	148
		2112479	FCS milling drum	2000	15	330	HT11	144	187002	162
		2112480	FCS fine milling drum	2000	8	100	HT11	256	187002	274
		2112481	FCS fine milling drum	2000	6x2	30	HT5	672	194362	672
		2138524	Milling drum	1500	15	330	HT11	118	187002	136





		Milling o	drum				Toolholder			Picks
Machine type	Model	Part No.	Туре	Milling width (mm)	Pick spacing (mm)	Milling depth max. (mm)	System	Quantity	Part No.	Quantity
		185274	Milling drum	2200	15	300	HT11	168	187002	186
2100 DC 03.21		185270	Milling drum	2100	15	300	HT11	150	187002	168
	185273	Fine milling drum	2100	8	100	HT11	270	187002	288	
	185263	Milling drum	2000	15	300	HT11	150	187002	168	
		185271	Fine milling drum	2000	8	100	HT11	258	187002	276
		185274	Milling drum	2200	15	320	HT11	168	187002	186
		185270	Milling drum	2100	15	320	HT11	150	187002	168
W 2100	09.21	185273	Fine milling drum	2100	8	100	HT11	270	187002	288
		185263	Milling drum	2000	15	320	HT11	150	187002	168
		185271	Fine milling drum	2000	8	100	HT11	258	187002	276
		185310	Milling drum	2200	15	350	HT11	170	187002	188
		2183125	FCS milling drum	2200	15	350	HT11	170	187002	188
W 220	05.22	2120232	FCS milling drum	2500	15	350	HT11	193	187002	211
		2217719	FCS-L milling drum	2200	15	350	HT11	170	187002	188
		2270270	FCS-L milling drum	2200	18	350	HT11	146	187002	164



		Milling o	drum				Toolho	lder		Picks
Machine type	Model	Part No.	Туре	Milling width (mm)	Pick spacing (mm)	Milling depth max. (mm)	System	Quantity	Part No.	Quantity
		185310	Milling drum	2200	15	350	HT11	170	187002	188
		2183130	FCS milling drum	4400	15	350	HT11	326	187002	353
	W 2200 08.21	2120235	FCS milling drum	3800	15	350	HT11	287	187002	314
W 2200		2183128	FCS milling drum	3500	15	350	HT11	268	187002	295
	2183127	FCS milling drum	3100	15	350	HT11	234	187002	261	
		2183126	FCS milling drum	2500	15	350	HT11	193	187002	211
		2183125	FCS milling drum	2200	15	350	HT11	170	187002	188
		185310	Milling drum	2200	15	350	HT11	170	187002	188
		2120233	FCS milling drum	2200	25	350	HT11	110	187002	134
		2270270	FCS milling drum	2200	18	350	HT11	146	187002	164
		2214719	FCS milling drum	2200	15	350	HT11	170	187002	188
		2120236	FCS fine milling drum	2200	6x2	350	HT5	748	194362	748
		2183130	FCS milling drum	4400	15	350	HT11	326	187002	353
W 250	04.22	2120235	FCS milling drum	3800	15	350	HT11	287	187002	314
		2183128	FCS milling drum	3500	15	350	HT11	268	187002	295
		2183127	FCS milling drum	3100	15	350	HT11	234	187002	261
		2183126	FCS milling drum	2500	15	350	HT11	193	187002	211
		2183125	FCS milling drum	2200	15	350	HT11	170	187002	188
		2214719	FCS-L milling drum	2200	15	350	HT11	170	187002	188
		2270270	FCS-L milling drum	2200	18	350	HT11	146	187002	164





		Milling o	drum	Toolho	lder		Picks			
Machine type	Model	Part No.	Туре	Milling width (mm)	Pick spacing (mm)	Milling depth max. (mm)	System	Quantity	Part No.	Quantity
RACO 350	H4.24	185289	Milling drum	2350	16	450	HT11 D22	176	199001	200
WS 2200	01.AS	187932	Milling drum	2150	40	500	HT11 D22	74	199001	90
WS 220	02.AS	2099082	Milling drum	2150	40	500	HT11 D22	78	199001	96
WS 2500	01.AS	187931	Milling drum	2500	40	500	HT11 D22	82	199001	98
WS 250	02.AS	2099080	Milling drum	2500	40	500	HT11 D22	86	199001	104
WR 2000	03.WR	2120460	Milling drum	1960	20	500	HT11 D22	142	199001	166
WR 2400	05.WR	2092109	Milling drum	2360	20	500	HT11 D22	162	199001	186
WR 2500 S	04.WR	187094	Milling drum	3048	30x2	500	HT11 D22	192	199001	216
Wh 2500 5	04.VVN	185305	Milling drum	2438	30x2	500	HT11 D22	192	199001	216
WR 240,	07.WR	2190955	Milling drum	2400	20	510	HT11 D22	146	199001	170
WR 240i	10.WR	2281887	Milling drum	2400	20	510	HT11 D25	146	199002	162
WR 250	08.WR	2229118	Milling drum	2400	30x2	560	HT11 D22	184	199001	208
WN 250	00.001	2279533	Milling drum	2400	30x2	560	HT11 D25	184	199002	200
2100 SM	09.21	118216	Milling drum	2000	50	250	HT6	60	95781	60
2100 SIVI	09.21	95819	Milling drum	2000	35	300	HT6	76	95781	76
		2045386	Milling drum	3800	50	300	HT6	92	95781	92
		2143828	Milling drum	3800	50	300	HT13	92	2068238	92
2200 SM	08.21	2143830	Milling drum	2200	38	300	HT14	78	2068087	78
2200 SIVI	00.21	2143829	Milling drum	2200	76	300	HT14	46	2068087	46
		127333	Milling drum	2200	38	300	HT6	78	95781	78
		141663	Milling drum	2200	76	300	HT6	46	95781	46

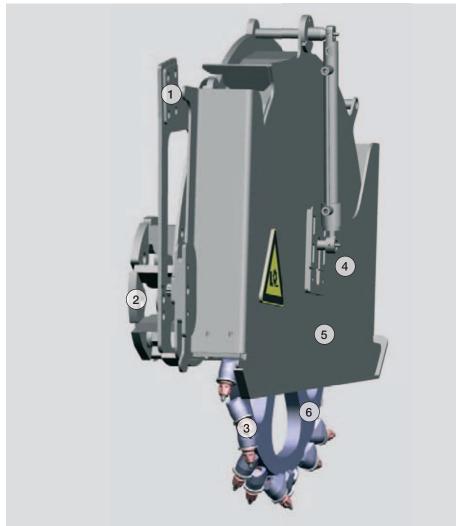


ORIGINAL WIRTGEN SIDE CUTTING WHEELS AND SAW BLADES

There are many applications in road construction in which asphalt pavements have to be cut, be it for building channels, expansion cuts, when laying cables, for tie-in milling, cutting round tram lines, and many more. These jobs can also be handled quickly and costefficiently with the versatile Wirtgen milling machines.

The range with which Wirtgen once again demonstrates the flexibility and versatility of its machines extends from the installation of narrow milling drums through the use of cutting wheels to complete kits for mounting cutting wheels at the side.





- 1 Quick and easy installation of the side cutting wheel on numerous small machines
- 2 Optimized adapter between milling drum gearbox and milling drum for reliable power transmission
- 3 Tooled with original Wirtgen picks for optimum results and a long tool life
- 4 Complete kits for simple extension of functionality
- 5 Modified covers for safe, clean milling and cutting
- 6 Ideally designed cutting wheel for powerful cutting in asphalt pavements



Saw blade (m	illing width	14 to 25 mm) to k	oe mounted	into the milli	ng drum housing		
Machine type	Model	Adapter for saw blade	Туре	Milling width (mm)	Milling depth max. (mm)	Cutting circle (mm)	Part No.
W 35 DC	04.03	0040040	Saw blade	14	100	460	78569
W 35 DC 04.03	2048619	Saw blade	19	100	460	86750	
		79103	Saw blade	14	100	460	78569
W 350	02.03		Saw blade	19	100	460	86750
			Saw blade	25	100	460	123976
			Saw blade	14	120	614	79855
W 500	06.05	154281	Saw blade	19	120	614	113292
			Saw blade	25	120	610	129146
W 50	10.05	180976	Saw blade	14	160	590	180543

Delivery range: saw blade only

Milling drum (milli	ng width 80 t	o 100 mm) to be me	ounted into the	he milling drum hou	ısing	
Machine type	Model	Туре	Milling width (mm)	Milling depth max. (mm)	Toolholder	Part No.
W 350	02.03	Milling drum	100	110	HT02	151642
W 35	05.03	Milling drum	80	60	HT02	188357
W 35 DC	04.03	Milling drum	80	110	HT02	188358
W 50 DC	09.05	Milling drum	80	210	HT02	183119
W 600 DC	07.05	Milling drum	80	250	HT02	111335
W 1000 F - FCS	07.10	Milling drum	80	280	HT02	180832

Delivery range: milling drum only

∠ i+	for	outor	cutting	wheels
NΙ	IOI	outer	cullina	wneers

Machine type	Model	Туре	Milling width (mm)	Milling depth max. (mm)	Toolholder	Part No.
W 350	02.03	Attaching drum cpl.	80	160	HT02	107126
W 35 DC	04.03	Attaching drum cpl.	80	180	HT02	195212
W 500	06.05	Attaching drum cpl.	80	220	HT02	78544
W 50	10.05	Attaching drum cpl.	80	250	HT02	175772
W 50 DC	09.05	Attaching drum cpl.	80	300	HT02	179296
W 600 DC	07.05	Attaching drum cpl.	80	300	HT02	103988

Delivery range: cutting wheel, adapter milling drum gearbox for milling drum, necessary cover hoods, picks and necessary small material

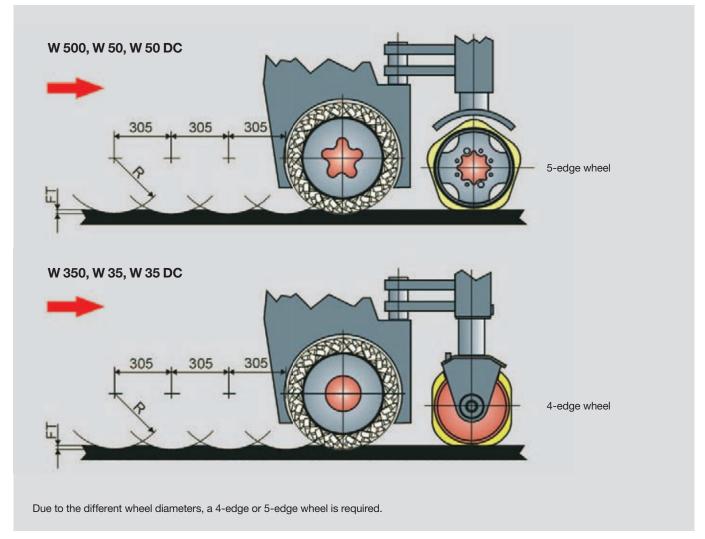


ORIGINAL WIRTGEN RUMBLE STRIPS

So-called rumble strips with specially cut uneven surface are increasingly being produced along the roadside to increase traffic safety by warning drivers if the latter are in danger of veering off the road.

A simple conversion is all that is needed to cut rumble strips in the pavement with a small milling machine from Wirtgen. This option opens up further possible uses for the small milling machines from Wirtgen, improving their costefficiency still further.









Machine	Mo	o- Series	Wheel for	Wheel	variant	Milling dru	um			
type	Mo- del	range	Rumble Strip	4-edge	5-edge	Milling width (mm)	Cutting circle (mm)	Toolholder	Pick spacing (mm)	Part No.
W 350	02.03	0001 - 9999	174463	х		350	460	HT4	LA6 x 2	72257
W 35 05.03		0001 - 0038	174463	х			460		LAGUA	
	05.03	0039 - 9999	194144	x		350		HT4	LA6 x 2	187367
W 35 DC	04.03	0001 - 9999	194144	x		350	460	HT4	LA6 x 2	187261
W 500	06.05	0001 - 9999	181984		x	350	530	HT4	LA6 x 2	155708
		0001 - 0067	181620		x					
W 50	08.05	0068 - 9999	186680		x	350	590	HT4	LA6 x 2	181952
W 50	10.05	0001 - 9999	186680		x	350	590	HT4	LA6 x 2	181952
W 50 DO	00.05	0001 - 0050	181620		х	NA:II:	wa an ilina al			
W 50 DC	09.05	0051 - 9999	186680		x	Milling drum	i required			



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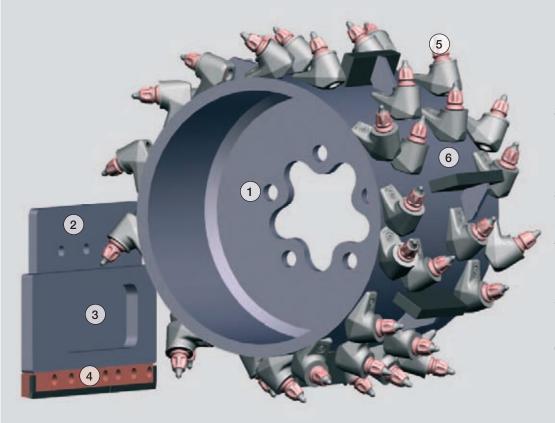
ORIGINAL WIRTGEN FCS MILLING UNITS

A machine's profitability is boosted considerably if it can be used on different sites for a variety of jobs. Flexibility is becoming an increasingly important feature for cold milling machines.

With its Flexible Cutter System (FCS), Wirtgen has developed a patented system allowing several different milling widths to be handled by one and the same machine.

The changeover between widths is a simple matter and easily performed directly on site. The Flexible Cutter System is designed so that it can also be retrofitted on older machines.





- 1 Simple change of milling drum increases flexibility
- 2 Rapid installation of the bottom scraper component on tandem scrapers for rapid adjustment to different jobs
- 3 Bottom scraper component adapted to the FCS width
- 4 Carbide-tipped scraper edges with long service life for a clean milled surface
- 5 Wirtgen picks with extremely long tool life
- 6 Original Wirtgen FCS milling drum with minimum milling width

Delivery range tandem scrapers: Parts for function of Scraper FCS **Delivery range of milling units:** Milling drum with picks, scraper lower part, scraper blades and additional material for fixation





Machine	Madal	Carriage for	Scraper FCS		Milling unit		
type	Model	milling drums	Width (mm)	Part No.	Milling width (mm)	Toolholder	Part No.
W 50	10.05	177240	500	172594	400	HT01	172145
VV 30	10.03	177240	300	172334	300	HT01	172146
W 50 DC	09.05	177240	500	174425	400	HT01	176432
VV 30 DC	09.03	177240	300	174425	300	HT01	176433
					500	HT11	187129
W 600 DC	07.05	105240			400	HT11	187130
					300 middle	HT11	187131
W 60, W 60i	09.10,	105240			400	HT11	2066690
vv 60, vv 601	12.10	105240			500	HT11	2056257
					300	HT11	187206
					500	HT11	187207
W 1000 F	07.10	105240	1000	160152	600	HT11	187208
					750	HT11	187209
					900	HT11	187210
					300	HT11	187206
				500	HT11	187207	
		105240			600	HT11	187208
W 1200 F	07.10		1200	161390	750	HT11	187209
					900	HT11	187211
					1000	HT11	187212
					300	HT11	187206
					500	HT11	187207
					600	HT11	187208
W 1300 F	07.10	105240	1320	161392	750	HT11	187209
					900	HT11	187213
					1000	HT11	187214
					300	HT11	2061113
W 100 F,	08.10,	105240	1000	191423	500	HT11	2054508
W 100 Fi	13.10				600	HT11	198499
					300	HT11	2061113
W 120 F,	08.10,				500	HT11	2054508
W 120 Fi	13.10	105240	1200	191424	600	HT11	198499
					900	HT11	2061114
					300	HT11	2061113
W 130 F,	08.10,				500	HT11	2054508
W 130 Fi	13.10	105240	1300	191425	600	HT11	198499
					900	HT11	2061127
W 150*,	05.13,		included in deliv	ery of	600	HT11	2090951
W 150 , W 150i*	06.13	105240	machine options		900	HT11	2090952

 $^{^{\}star}$ Only machines with option 2086129 "FCS drum housing FB 1200"



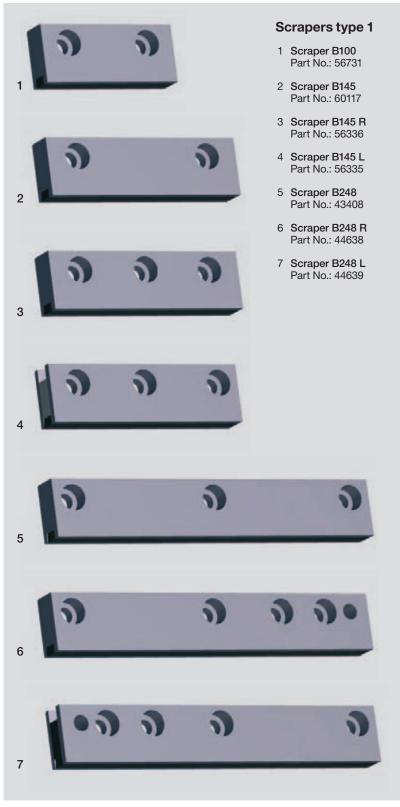
ORIGINAL WIRTGEN SCRAPERS

Long-life scrapers

The scraper on the rear panel of the milling machine seals the drum chamber so that the reclaimed asphalt pavement can be taken up cleanly. In addition, it smoothes the milled surface by shearing off the higher asphalt ridges. Carbide-tipped scrapers are used for this purpose.

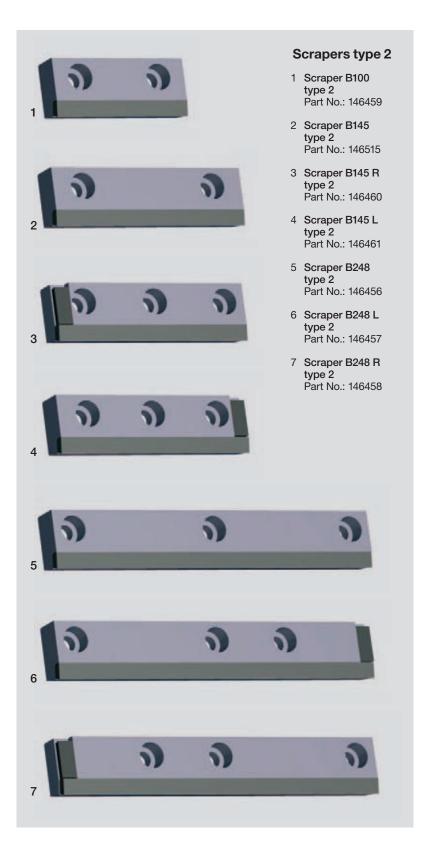


- Scraper FB 50: Carbide elements with a scraper width of 50 mm can be replaced individually.
- Type 1 scrapers: One-part carbide-tipped scrapers in different widths can be screwed onto the scraper side-by-side in accordance with the working width of the milling machine. Carbide elements on the right or left ensure that these scrapers can also be fitted at the edges.









The new scrapers ensure that the reclaimed asphalt pavement is taken up cleanly and even more efficiently behind the machine. The new type 2 scrapers differ from the previous scrapers through their outer contours and through the form of the carbide elements. Performance has been improved in particular by the optimized position of the carbide.

 Type 2 scrapers: One-part carbide-tipped scrapers in different widths are screwed onto the scraper plate side-by-side in accordance with the working width of the milling machine. Carbide elements on the right or left ensure that these scrapers can also be fitted at the edges.

Note:

The listed service packages are exclusively standard versions.

If required and on request, it is also possible to use the other scraper type in each case. In this case, please contact your local Wirtgen Group representative.



ORIGINAL WIRTGEN SERVICE PACKAGES SCRAPERS

			Standard version			
Machine type	Model	Series range	Milling width (mm)	Part No.	Туре	
W 500	06.05	0001 - 9999	500	194396	1	
W 50, W 50 DC	10.05, 09.05	0001 - 9999	500	194390	1	
			300	194397	1	
			400	194398	1	
W 600 DC, W 1000 L	07.05	0420 - 9999	500	194399	1	
			600	194400	1	
			1000	194401	1	
W 1000	05.10	0001 - 9999	1000	194401	1	
W 100, W 100i	09.10, 12.10	0001 - 9999	1000	2215148	1	
	06.10	0001 - 9999	1000	194402	1	
W 1000 F, W 1200 F, W 1300 F			1200	194403	1	
			1320	194404	1	
		0001 - 0388	1000	194402	1	
			1200	194403	1	
W 1000 F, W 1200 F,	07.10		1320	194404	1	
W 1300 F	07.10		1000	194426	2	
		0389 - 9999	1200	194414	2	
			1320	194407	2	
W 100 F, W 120 F,			1000	194426	2	
W 130 F, W 100 Fi,	08.10, 13.10	0001 - 9999	1200	194414	2	
W 120 Fi, W 130 Fi			1320	194407	2	
W 1500	08.20	0001 - 9999	1300	194407	2	
VV 1300	00.20	0001 - 3333	1500	194408	2	

The scraper service package contains all the components required for fitting.





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			Standard version			
Machine type	Model	Series range	Milling width (mm)	Part No.	Туре	
W 150,	05.13,	0001 0000	1200	2116633	1	
W 150i 06.13	06.13	0001 - 9999	1500	2116636	1	
W 200, W 210,	12.20, 13.20,	0001 - 9999	2000	2172937	1	
W 200i, W 210i 1	14.20, 15.20	0001 - 9999	2200	2172942	1	
W 1900, W 2000 06.20, 08.20, 09.20, 10.20, 11.20	08.20,	0001 - 9999	2000	194410	2	
	10.20,		2200	2138933	2	
	03.21	0001 - 9999	2000	194418	FB50	
2100 DC			2100	194419	FB50	
			2200	194420	FB50	
			2000	194410	2	
W 2100	09.21	0001 - 9999	2100	194411	2	
			2200	194409	2	
W 2200	08.21	0001 - 9999	2200	194409	2	
W 220, W 250, W 250i	05.22, 04.22, 06.22	0001 - 9999	2200	2172942	1	

The scraper service package contains all the components required for fitting.



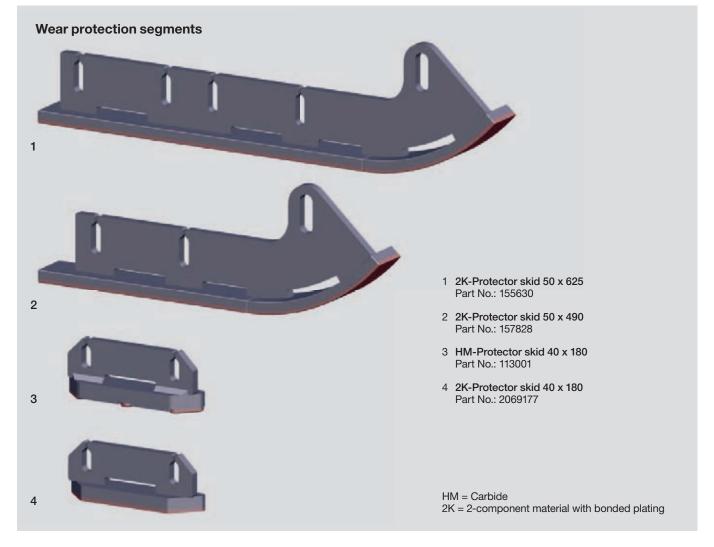
ORIGINAL WIRTGEN WEAR PROTECTION SEGMENTS

To completely enclose the side of the milling drum housing and prevent material from escaping, the side plate is in full contact with the milled surface and therefore subject to natural wear.

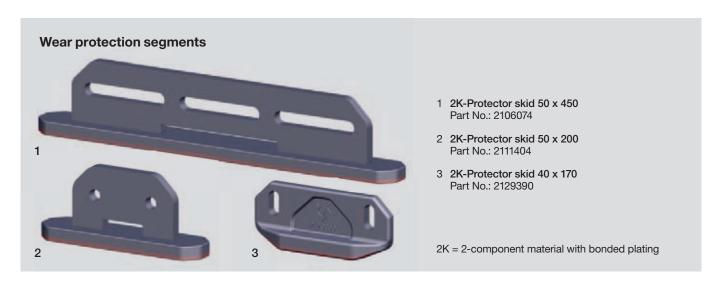
Special wear elements are used to minimize this wear and facilitate the replacement of worn parts.

The wear elements are made of particularly wear-resistant material – partly tungsten carbide – and are easy to replace.









Machine type	Side plate segments front			Side plate segments rear			Scraper wear segments		
	Description	Qty.	Part No.	Description	Qty.	Part No.	Description	Qty.	Part No.
W 1500	2K-Protector skid 50 x 490 (left)	1	157828	2K-Protector skid 40 x 180	1	2069177			
W 1500	2K-Protector skid 50 x 625 (right)	1	155630	2K-Protector skid 40 x 180	1	2069177			
W 150, W 150i	2K-Protector skid 50 x 625 (left)	1	155630	2K-Protector skid 40 x 180	1	2069177			
W 130, W 1301	2K-Protector skid 50 x 625 (right)	1	155630	2K-Protector skid 40 x 180	1	2069177			
W 1900	2K-Protector skid 50 x 625	2	155630	2K-Protector skid 40 x 180	2	2069177			
	2K-Protector skid	4	155620	2K-Protector skid 50 x 450	1	2106074			
W 200, W 210, W 200i, W 210i (FB 1500)	50 x 625 (left)	1	155630	2K-Protector skid 50 x 200	2	56731	2K-Skid 40 x 170	4	2129390
	2K-Protector skid 50 x 625 (right)	1	155630	2K-Protector skid 50 x 450	2	2106074			

The number of the scraper wear segments is valid for the standard milling width of the corresponding milling machine. $FB = width \ of \ milling \ drum \ in \ mm$



ORIGINAL WIRTGEN WEAR PROTECTION SEGMENTS

Machine type	Side plate segments front			Side plate segments rear			Scraper wear segments		
wacmine type	Description	Qty.	Part No.	Description	Qty.	Part No.	Description	Qty.	Part No.
	2K-Protector skid 50 x 625 (left)	1	155630	2K-Protector skid 50 x 450	1	2106074			
W 200, W 210, W 200i, W 210i (FB 2000 and FB 2200)		'	100000	2K-Protector skid 50 x 200	1	2111404	2K-Skid 40 x 170	4	2129390
	2K-Protector skid 50 x 625 (right)	1	155630	2K-Protector skid 50 x 450	2	2106074			
W 2000	2K-Protector skid 50 x 625	2	155630	2K-Protector skid 40 x 180	2	2069177	2K-Skid 40 x 170	8	2129390
	2K-Protector skid 50 x 625	2	155630	2K-Protector skid 40 x 180	2	2069177		8	2129390
W 2100, W 2200	Protector skid long* 50 x 1700	2	196501	Dismantling of stan	dard prote	ector skids	2K-Skid 40 x 170		
	Protector skid long* 100 x 1700	2	155628	Dismantling of stan	dard prote	ector skids			
	2K-Protector skid 50 x 625	1							
W 220, W 250, W 250i	(left)				1	2111404	2K-Skid 40 x 170	4	2129390
	2K-Protector skid 50 x 625 (right)	1	155630	2K-Protector skid 50 x 450	2	2106074			

The number of the scraper wear segments is valid for the standard milling width of the corresponding milling machine. FB = width of milling drum in mm \cdot * Protector skid long = continuous protector skid, e.g. for use on soft soil







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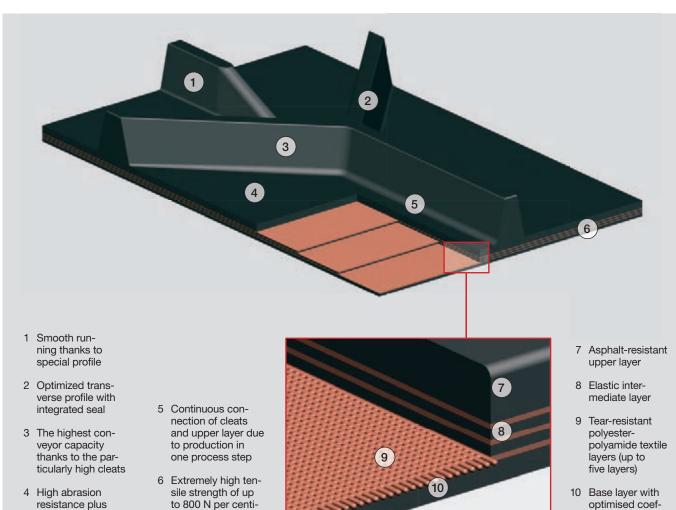
ORIGINAL WIRTGEN HOT-VULCANIZED CONVEYOR BELTS

The performance of a Wirtgen road milling machine depends decisively on the performance of the conveyor system.

Original Wirtgen conveyor belts are characterized by extremely smooth running and delivery rates of up to 1000 tonnes per hour.

Wirtgen conveyor belts are developed on the basis of hot-vulcanization. Hot-vulcanized original Wirtgen belts are manufactured in a single pass as endless belts and can therefore achieve maximum duty periods.







metre of belt width

durable elasticity

ficient of friction



Machine type	Model	Conveyor type	Description	Part No.
W 35 DC	04.03	Discharge conveyor	Conveyor belt B250	182130
W 500	06.05	Discharge conveyor	Conveyor belt B400	50002
W 50	10.05	Discharge conveyor	Conveyor belt B400	50002
W 50 DC	09.05	Discharge conveyor	Conveyor belt B400	50002
W 600 DC, W 1000 L	07.05	Discharge conveyor	Conveyor belt B400	97243
W 1000	05.10	Discharge conveyor	Conveyor belt B500	71776
W 60, W 100, W 60i, W 100i	09.10, 12.10	Discharge conveyor	Conveyor belt B500	71776
W 1000 F, W 1200 F,	06.10	Loading conveyor	Conveyor belt B600	90123
W 1300 F	00.10	Discharge conveyor	Conveyor belt B600	51873
W 1000 F, W 1200 F,	07.10	Loading conveyor	Conveyor belt B600	125134
W 1300 F	07.10	Discharge conveyor	Conveyor belt B600	51873
W 100 F, W 120 F, W 130 F		Loading conveyor	Conveyor belt B650	191410
	08.10	Discharge conveyor	Conveyor belt B600	51873
		Discharge conveyor (short)	Conveyor belt B600	2068042
W 100 Fi, W 120 Fi, W 130 Fi		Loading conveyor	Conveyor belt B650	2173916
	13.10	Discharge conveyor	Conveyor belt B600	51873
		Discharge conveyor (short)	Conveyor belt B600	2068042
W 1500 W 1000	08.20,	Loading conveyor	Conveyor belt B800	52890
W 1500, W 1900	09.20, 10.20	Discharge conveyor	Conveyor belt B800	57482
		Loading conveyor	Conveyor belt B650	2075932
W 150, W 150i	05.13, 06.13	Discharge conveyor	Conveyor belt B600	51873
		Discharge conveyor (short)	Conveyor belt B600	2068042
W 200, W 210,	12.20, 13.20,	Loading conveyor	Conveyor belt B850	2106093
W 200i, W 210i	14.20, 15.20	Discharge conveyor	Conveyor belt B850	2106086
W 2000	06.20,	Loading conveyor	Conveyor belt B800	112781
VV 2000	11.20	Discharge conveyor	Conveyor belt B800	57482
0400 DO	00.04	Loading conveyor	Conveyor belt B1000	53870
2100 DC	03.21	Discharge conveyor	Conveyor belt B1000	14920
		Loading conveyor	Conveyor belt B1000	53870
W 2100	09.21	Discharge conveyor	Conveyor belt B1000	138316
		Loading conveyor	Conveyor belt 1100	2161723
W 220	05.22	Discharge conveyor	Conveyor belt 1000	2178711
		Loading conveyor	Conveyor belt B1100	116577
W 2200	08.21	Discharge conveyor	Conveyor belt B1100	116578
W 050	04.00	Loading conveyor	Conveyor belt 1100	116577
W 250, W 250i	04.22, 06.22	Discharge conveyor	Conveyor belt 1100	2147320
		Discharge conveyor	Conveyor Delt 1100	2147020

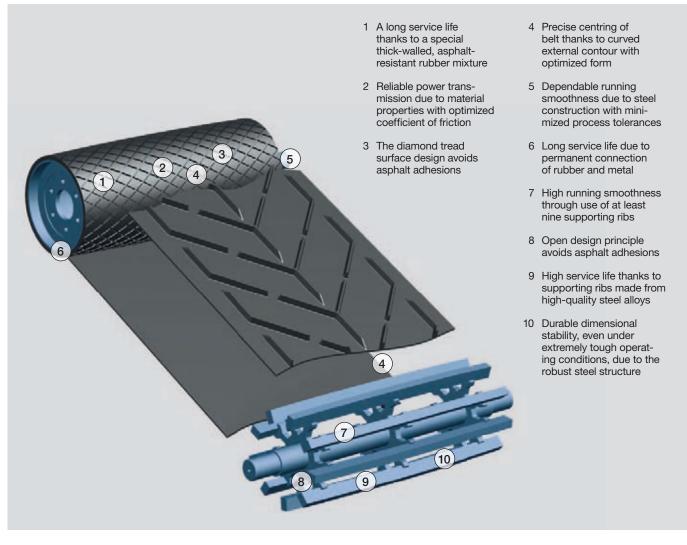


ORIGINAL WIRTGEN DRIVE AND RETURN PULLEYS

The high milling performance of Wirtgen road milling machines requires reliable transportation of the milled material.

With their special design and fabrication processes, original Wirtgen drive and return pulleys have been specially developed for these very tasks. A reliable power transmission, combined with a high running smoothness, guarantees the high economical efficiency of Wirtgen road milling machines.







Machine type	Model	Conveyor type	Description	Part No.
W 35 DC	04.03	Discharge convover	Drive pulley B250	182505
W 35 DC	04.03	Discharge conveyor	Return pulley B250	182519
W 500	06.05	Discharge conveyor	Drive pulley B400	43231
VV 300	00.03	Discharge conveyor	Return pulley B400	7654
W 50	10.05	Discharge convover	Drive pulley B400	43231
VV 50	10.05	Discharge conveyor	Return pulley B400	7654
W 50 DC	09.05	Discharge conveyor	Drive pulley B400	43231
W 30 DC	09.03	Discharge conveyor	Return pulley B400	7654
W 600 DC W 1000 I	07.05	Discharge convover	Drive pulley B400	43231
W 600 DC, W 1000 L	07.03	Discharge conveyor	Return pulley B400	7654
W 1000	0F 10	Discharge conveyor	Drive pulley B500	72052
W 1000	05.10	Discharge conveyor	Return pulley B500	72060
W 60, W 100,	09.10,	Dist	Drive pulley B500	72052
W 60i, W 100i	12.20	Discharge conveyor	Return pulley B500	72060
W 1000 F, W 1200 F,	06.10,		Drive pulley B600	90117
W 1300 F	07.10	Loading and discharge conveyor	Return pulley B600	90059
			Drive pulley B650	190358
N 100 F, W 120 F,	Loading conveyor	Return pulley B650	190357	
W 130 F, W 100 Fi, W 120 Fi, W 130 Fi	30 F, W 100 FI,		Drive pulley B600	90117
W 12011, W 13011		Discharge conveyor	Return pulley B600	90059
			Drive pulley B800	52667
	08.20,	Loading conveyor	Return pulley B800	52666
W 1500, W 1900	09.20,		Drive pulley B800	95865
	10.20	Discharge conveyor	Return pulley B800	110871
			Drive pulley B650	190358
W 150,	05.13,	Loading conveyor	Return pulley B650	190357
W 150i	06.13		Drive pulley B600	90117
		Discharge conveyor	Return pulley B600	90059
W 200, W 210,	12.20, 13.20,	Looding and disaborate conveyor	Drive pulley B850	2107985
W 200i, W 210i	14.20, 15.20	Loading and discharge conveyor	Return pulley B850	2105093
W 2000	06.20,	Loading and discharge conveyor	Drive pulley B800	95865
VV 2000	11.20	Localing and disonarge conveyor	Return pulley B800	110871
2100 DC	03.21	Loading and discharge conveyor	Drive pulley B1000	15092
2100 00	00.21	Loading and discharge conveyor	Return pulley B1000	38279
W 2100	09.21	Loading and discharge conveyor	Drive pulley B1000	138926
VV 2100	09.21	Loading and discharge conveyor	Return pulley B1000	128671
		Landing	Drive pulley B1100	127761
W 000	05.00	Loading conveyor	Return pulley B1100	2141645
W 220	05.22	D' l	Drive pulley B1000	138926
		Discharge conveyor	Return pulley B1000	2178746
			Drive pulley B1100	127761
W 2200	08.21	Loading and discharge conveyor	Return pulley B1100	111225
W 250,	04.22,		Drive pulley B1100	127761
w 250, W 250i	04.22,	Loading and discharge conveyor	Return pulley B1100	2141645
			Hotain pancy D1100	2171040



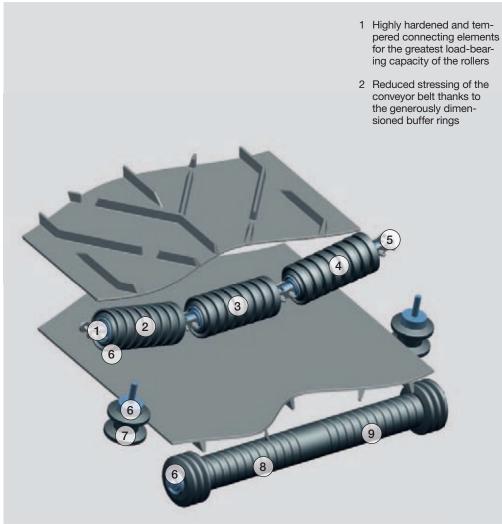


ORIGINAL WIRTGEN IDLE PULLEYS AND SUPPORT IDLERS

Wirtgen conveyor belt systems combine a high conveyor capacity with a low power consumption.

Original Wirtgen idle pulleys ensure low-friction circulation of the conveyor belts. High-quality bearings of the pulleys and wear-resistant running surfaces are the essential features. Easily detachable connections make changing idle pulleys a simple task.





- 3 The freely moveable individual rollers avoid asphalt adhesions
- 4 High conveyor capacity as the belt automatically takes on a trough shape in the area of the rollers
- 5 Fast pulley changing due to easily detachable yet stable connections with a high load-bearing capacity
- 6 Low-friction guiding due to high-quality anti-friction bearings with labyrinth seal
- 7 Reliable directional stability due to lateral belt guidance
- 8 Low wear through use of materials with a minimum coefficient of friction
- 9 Effective guidance and cleaning of the belt thanks to fully rubberized belt rollers



	Ma		No. of compon	ents used		Replacement bearing kit	
Machine type	Mo- del	Roller type	in loading conveyor	in discharge conveyor	Part No.	Part No. (per individual roller)	
W 35 DC	04.03	Support idler B250		4	182129	2145406	
		Idle pulley		2	54954		
W 500	06.05	Support idler B400		10	8363		
W 500	06.05	Support idler B400		5	8362	2145406	
		Belt roller B400		6	71844		
		Idle pulley		4	54954		
W 50, W 50 DC	10.05, 09.05	Roller B400		9	171832	2145406	
		Belt roller B400		3	71844	2145406	
		Idle pulley		4	54954		
W 600 DC,		Roller B400		4	99285		
W 1000 L	07.05	Roller B400		6	99286	2145406	
		Belt roller B400		5	71844		
		Idle pulley		4	54954		
W 4000	05.40	Roller B500		4	72068		
W 1000	05.10	Roller B500		7	71777	2145406	
		Belt roller B500		6	72067		
		Idle pulley		4	54954		
W 60, W 100,	09.10.	Roller B500		4	72068		
W 60i, W 100i	12.10	Roller B500		7	71777	2145406	
		Belt roller B500		6	72067		
		Idle pulley	2	4	54954		
W 1000 F,	00.15	Roller B600	5	4	90120		
W 1200 F, W 1300 F	06.10	Roller B600		7	90122	2145406	
		Belt roller B600	3	6	90121		





ORIGINAL WIRTGEN IDLE PULLEYS AND SUPPORT IDLERS

	Mo-		No. of compon	ents used		Replacement bearing kit	
Machine type	del	Roller type	in loading conveyor	in discharge conveyor	Part No.	Part No. (per individual roller)	
		Idle pulley	4	4	54954		
W 1000 F,	07.40	Roller B600	6	4	90120		
W 1200 F, W 1300 F	07.10	Roller B600		7	90122	2145406	
		Belt roller B600	3	6	90121		
		Idle pulley	2	4	54954		
W 100 F,		Roller B650	6		190448	2137880	
W 120 F, W 130 F,	08.10,	Belt roller B650	3		191392		
W 100 Fi, W 120 Fi,	13.10	Roller B600		4	90120	2145406	
W 130 Fi		Roller B600		7	90122	2140400	
		Belt roller B600		6	90121		
		Idle pulley	2	4	54954		
		Roller B800		10	111363	2137880	
W 1500, W 1900	08.20, 09.20, 10.20	Roller B800	4		65967	2.07000	
	10.20	Belt roller B800	2		52889		
		Belt roller B800		5	111348		
		Idle pulley	2		54954		
		Roller B650	4		190448	2137880	
W 150, W 150i	05.13,	Belt roller B650	3		191392		
W 150, W 1501	06.13	Roller B600		4	90120	2145406	
		Roller B600		7	90122	2143400	
		Belt roller B600		6	90121		
	12.20,	Idle pulley	4	4	54954		
W 200, W 210, W 200i, W 210i	13.20, 14.20,	Pollor P850	5	10	2091189	2137880	
	15.20	Belt roller B850	2	5	2091190	2145410	





	Ma		No. of compon	ents used		Replacement bearing kit	
Machine type	Mo- del	Roller type	in loading conveyor	in discharge conveyor	Part No.	Part No. (per individual roller)	
		Idle pulley	4	4	54954		
W 2000	06.20, 11.20	Roller B800	5	10	111363	2137880	
		Belt roller B800	2	5	111348	2145406	
		Belt cleaning idler B1000		6	14919		
		Idle pulley	2		54954		
		Padded roller B1000	10		40746		
2100 DC	03.21	Padded roller B1000	5		40745		
		Support idler B1000		18	9352	2145406	
		Support idler B1000		9	15744		
		Belt roller B1000	3		53907		
		Idle pulley	4	4	54954		
W 04 00	00.01	Roller B1000	5	10	138312	2145408	
W 2100	09.21	Belt roller B1000	2		146073	2137880	
		Belt roller B1000		5	53907	2145406	
		Idle pulley	2	4	54954		
		Roller B1100	6		116524	2145408	
W 220	05.22	Belt roller B1100	2		2147184	2145410	
		Roller B1000		10	138312	2145408	
		Belt roller B1000		5	2219716	2145410	
		Idle pulley		4	54954		
W 0000	00.04	Roller B1100	6	10	116524	2145408	
W 2200	08.21	Belt roller B1100	2		146072	2137880	
		Belt roller B1100		5	116747	2145406	
		Idle pulley	2	4	54954		
W 250, W 250i	04.22, 06.22	Roller B1100	6	10	116524	2145408	
		Belt roller B1100	2	5	2147184	2145410	

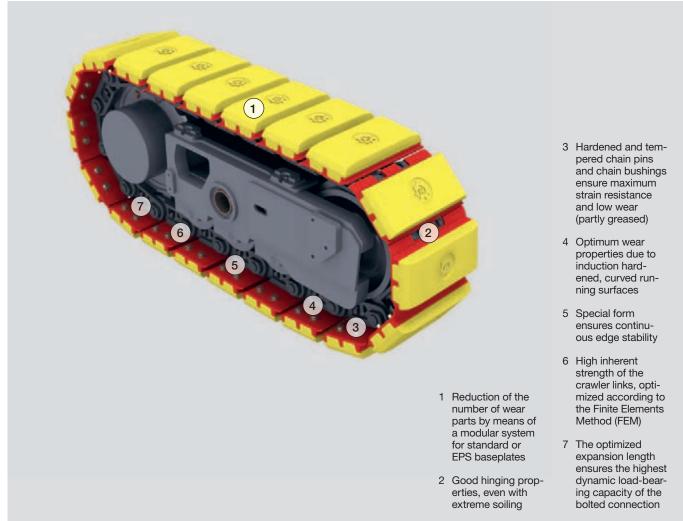


ORIGINAL WIRTGEN CRAWLER TRACK UNITS

With Wirtgen's modern machines, reliable tractive power transmission goes without saying, even under the toughest conditions on site.

Original Wirtgen crawler track units, with their bolted-on standard track pads and EPS track pads respectively, fulfil all requirements such as the greatest strength and stability and long service, even under extreme strain.



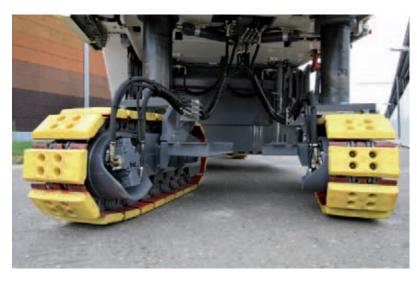


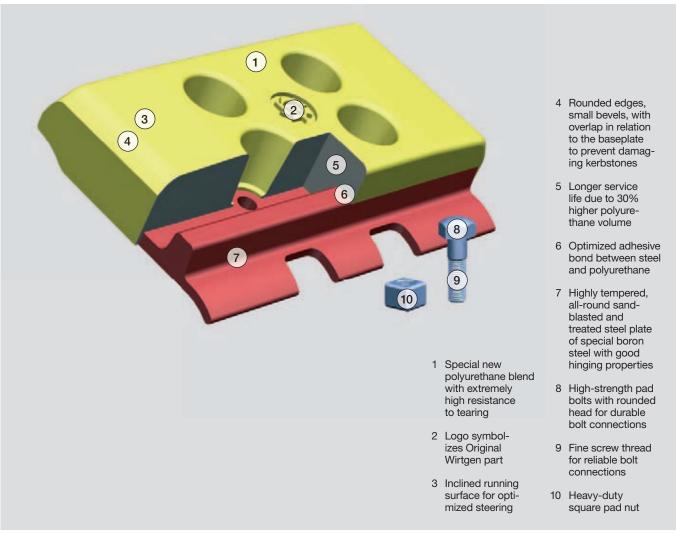


	Series	Track chain out track pa		Track chain with standard track pads			Track chain with EPS-Track pads		
Machine type	range	Description	Part No.	Description	Number of track pads	Part No.	Description	Number of track pads	Part No.
W 1000 F, W 1200 F, W 1300 F, W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W 130 Fi	0001 - 9999	Track chain W1/20	131296	Crawler track W1/20-260	20	131303	Crawler track W1/20-260 EPS	20	2121472
W 1500, W 1900	0001 - 9999	Track chain W1/24	108750	Crawler track W1/24-260	24	108756	Crawler track W1/24-260 EPS	24	2136667
W 150, W150i	0001 - 9999	Track chain W1/20	131296	Crawler track W1/20-260	20	131303	Crawler track W1/20-260 EPS	20	2121472
W 200, W 200i	0001 - 9999	Track chain W1/24	108750	Crawler track W1/24-260	24	108756	Crawler track W1/24-260 EPS	24	2136667
W 2000	0001 - 9999	Track chain W3/23	121236	Crawler track W3/23-300	23	121235	Crawler track W3/23-300 EPS	23	2136665
W 210, W 210i	0001 - 9999	Track chain W3/23	121236	Crawler track W3/23-300	23	121235	Crawler track W3/23-300 EPS	23	2136665
2100 DC	0001 - 9999	Track chain W4/25	43357	Crawler track W4/25-350	25	43358			
W 0400	0001 - 0147	Track chain W4/24	41344	Crawler track W4/24-350	24	41345			
W 2100	0148 - 9999	Track chain W4/24	191688	Crawler track W4/24-350	24	193228	Crawler track W4/24-350 EPS	24	2213105
W 220	0001 - 9999	Track chain W4/24	191688				Crawler track W4/24-350 EPS	24	2213105
W 2200	0001 - 9999	Track chain W5/26	176322	Crawler track W5/26-360	26	176321			
W 250, W 250i	0001 - 9999	Track chain W5/26	176322						
SP 150	0001 - 9999	Track chain W1/20	131296	Crawler track W1/20-260	20	131303			
SP 250, SP 500	0001 - 9999	Track chain W0/27	120561	Crawler track W0/27-300	27	120610			
SP 850, SP 850 Vario	0001 - 9999	Track chain W2/25	41193	Crawler track W2/25-300	25	41194			
SP 1500L	0001 - 9999	Track chain W2/44	124980	Crawler track W2/44-300	44	124979			
SP 1600	0001 - 9999	Track chain W5/31	147465	Crawler track W5/31-500	31	147464			

ORIGINAL WIRTGEN TRACK PADS POLY GRIP STANDARD SYSTEM

In the tough everyday conditions on job sites, plastic pads prevent the asphalt pavement being damaged by road milling machines. Wirtgen permanently cooperates with one of the world's leading manufacturers of plastic components to optimize the material properties, form and quality of the pads. The latest result of this cooperation is the POLY GRIP series of pads which sets new standards in terms of service life and machine traction.







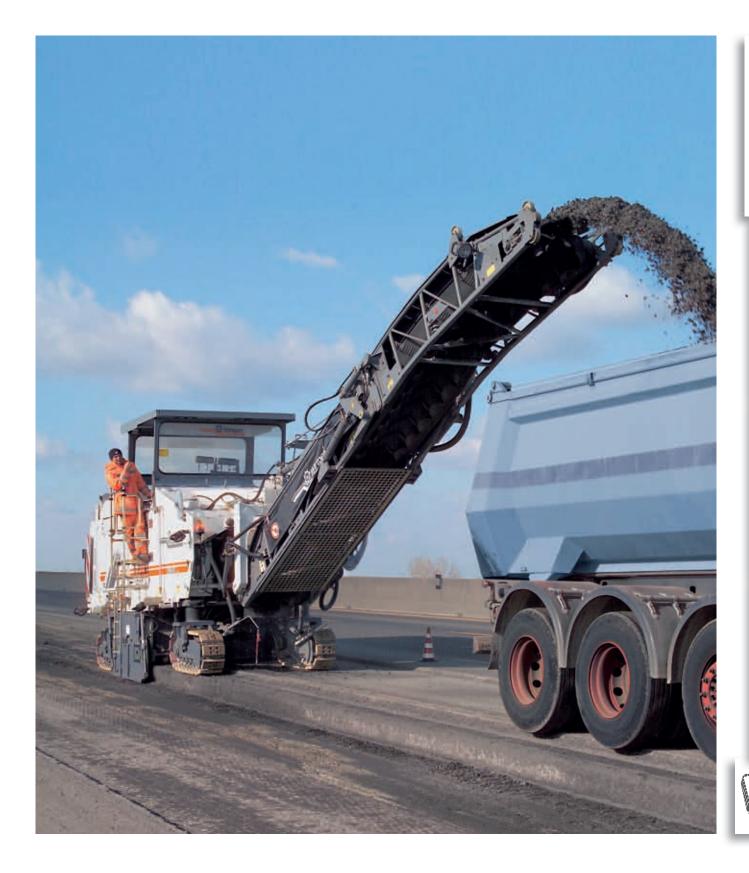
Machine type	Track pad	Part No.	Bolt	Nut
W 1000 F, W 1200 F, W 1300 F, W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W 130Fi	POLY GRIP W1/260	150740	18501	18502
W 150, W 150i	POLY GRIP W1/260	150740	18501	18502
W 1500, W 1900	POLY GRIP W1/260	150740	18501	18502
W 2000	POLY GRIP W3/300	150821	1861	1860
2100 DC	POLY GRIP W4/350	144728	37824	37825
W 2100	POLY GRIP W4/350	144728	37824	37825
W 2200	POLY GRIP W5/360	144727	43500	43499
SP 150	POLY GRIP W1/260	150740	18501	18502
SP 250, SP 500	POLY GRIP W0/300	151757	120552	120553
SP 850, SP 850 Vario, SP 1500L	POLY GRIP W3/300	150821	1861	1860
SP 1600	POLY GRIP W5/500	151765	43500	43499

ORIGINAL WIRTGEN SERVICE PACKAGES FOR TRACK PADS POLY GRIP STANDARD SYSTEM

Machine type	Service package I (all components necessa for one crawler track)	ıry	Service package II (all components necessary to fit the stated number of track pads)		
	Track pads per crawler track	Part No.	Track pads per pallet	Part No.	
W 1000 F, W 1200 F, W 1300 F, W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W 130 Fi	20	162455	200	2063664	
W 150, W 150i	20	162455	200	2063664	
W 1500, W 1900	24	85186	200	2063664	
W 2000	23	162456	200	2063665	
2100 DC	25	85236	100	2063666	
W 2100	24	165045	100	2063666	
W 2200	26	130346	104	2063667	
SP 150	20	162455	200	2063664	
SP 250, SP 500					
SP 850, SP 850 Vario, SP 1500L					
SP 1600					



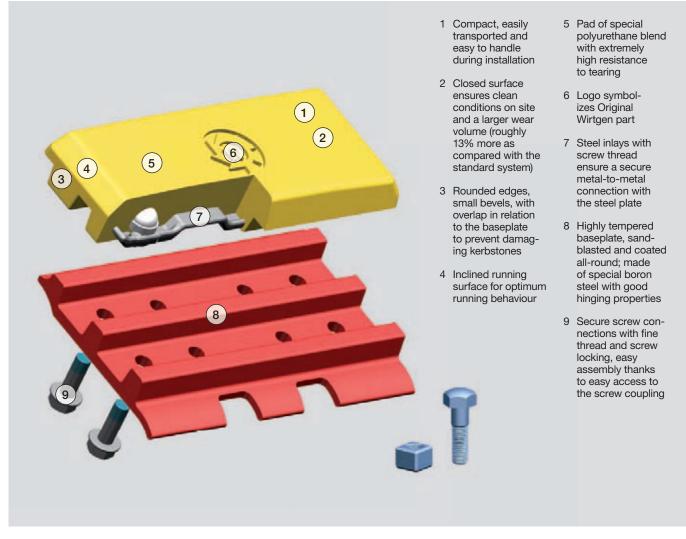




ORIGINAL WIRTGEN TRACK PADS POLY GRIP EASY-PAD-SYSTEM (EPS)

Easy Pad System (EPS) is the latest innovation in the original Wirtgen POLY GRIP pad series. This system allows the pads to be replaced simply by unscrewing them from the baseplate when the useful polyurethane layer is worn through. All components (baseplate, pad and set of screws) are available individually or as a service package for each crawler track (with or without baseplate).







Machine type	Baseplate	Part No.	Pad	Part No.	Set of screws	Part No.
W 1000 F, W 1200 F, W 1300 F, W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W 130 Fi	POLY GRIP EPS W1/260 BASIS	2063489	POLY GRIP EPS W1/260 PAD	2102696	100 pieces	2103002
W 1500, W 1900	POLY GRIP EPS W1/260 BASIS	2063489	POLY GRIP EPS W1/260 PAD	2102696	100 pieces	2103002
W 150, W 150i	POLY GRIP EPS W1/260 BASIS	2063489	POLY GRIP EPS W1/260 PAD	2102696	100 pieces	2103002
W 200, W 200i	POLY GRIP EPS W1/260 BASIS	2063489	POLY GRIP EPS W1/260 PAD	2102696	100 pieces	2103002
W 2000	POLY GRIP EPS W3/300 BASIS	2063490	POLY GRIP EPS W3/300 PAD	2102697	100 pieces	2103002
W 210, W 210i	POLY GRIP EPS W3/300 BASIS	2063490	POLY GRIP EPS W3/300 PAD	2102697	100 pieces	2103002
2100 VC, 2100 DC	POLY GRIP EPS W4/350 BASIS	2063491	POLY GRIP EPS W4/350 PAD	2102698	50 pieces	2103003
W 2100	POLY GRIP EPS W4/350 BASIS	2063491	POLY GRIP EPS W4/350 PAD	2102698	50 pieces	2103003
W 220	POLY GRIP EPS W4/350 BASIS	2063491	POLY GRIP EPS W4/350 PAD	2102698	50 pieces	2103003
W 2200	POLY GRIP EPS W5/360 BASIS	2063492	POLY GRIP EPS W5/360 PAD	2102699	50 pieces	2103003
W 250, W 250i	POLY GRIP EPS W5/360 BASIS	2063492	POLY GRIP EPS W5/360 PAD	2102699	50 pieces	2103003

EPS screw (separate) for pad size W1 and W3: 2167049 EPS screw (separate) for pad size W4 and W5: 2167050 $\,$

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ORIGINAL WIRTGEN SERVICE PACKAGES FOR TRACK PADS POLY GRIP EASY-PAD-SYSTEM (EPS)

Machine type	Pads per crawler track	Service package I (for converting a crawler track to EPS, without crawler track)	Service package II (EPS pads with nuts for one crawler track)		
		Part No.	Part No.		
W 1000 F, W 1200 F, W 1300 F, W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W 130 Fi	20	2063498	2063504		
W 1500, W 1900	24	2063499	2063505		
W 150, W 150i	20	2063498	2063504		
W 200, W 200i	24		2063505		
W 2000	23	2063500	2063506		
W 210, W 210i	23		2063506		
2100 VC, 2100 DC	25	2063501	2063507		
W 2100	24	2063502	2063649		
W 220	24		2063649		
W 2200	26	2063503	2063650		
W 250, W 250i	26		2063650		





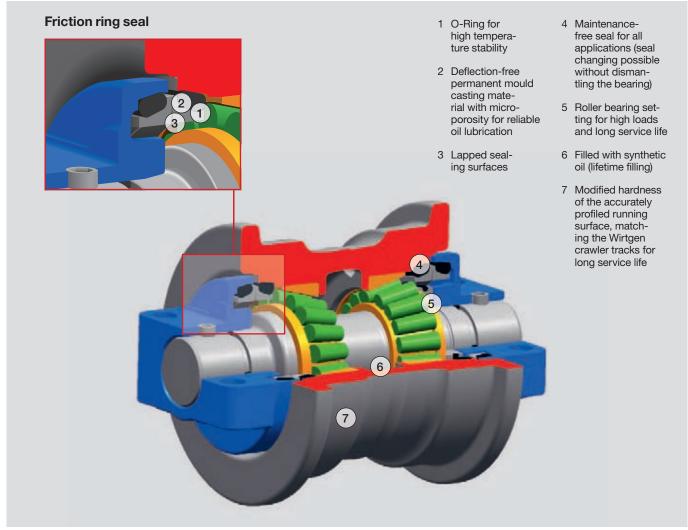
Machine type	EPS pallet service package – large-scale (contains all the EPS track pads not including an adequate number of all the	uding the steel base plate,
	Track pads per pallet	Part No.
W 1000 F, W 1200 F, W 1300 F, W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W 130 Fi	200	2275797
W 150, W 150i	200	2275797
W 1500, W 1900	200	2275797
W 200, W 200i		2275797
W 2000	200	2275798
W 210, W 210i		2275798
2100 DC	100	2275799
W 2100	100	2275799
W 220	100	2275799
W 2200	104	2275800
W 250, W 250i	104	2275800
SP 150	200	2275797
SP 250, SP 500		
SP 850, SP 850 Vario, SP 1500L		
SP 1600		

ORIGINAL WIRTGEN TRACK ROLLERS

Wirtgen road milling machines are famous for their high advance speeds even with large milling depths. The crawler units and particularly the track rollers on road milling machines are exposed to very high load conditions. They have to absorb high machine loads and still provide outstanding in-line tracking.

Wirtgen uses high-quality track rollers mounted in antifriction or rolling bearings which have been exclusively developed for the respective machine types concerned. Particular attention is paid to ensuring optimum performance with low service requirements.







Machine type	Series range	Track roller antifriction bearing	Track roller friction bearing	Part No.
W 1000 F, W 1200 F, W 1300 F	0001 - 9999	Track roller W1 R HE		193999
W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W 130 Fi	0001 - 9999	Track roller W1 HE		191936
W 1500, W 1900	0001 - 9999	Track roller W1 R HE		193999
W 150, W 150i	0001 - 9999	Track roller W1 HE		191936
W 200, W 200i	0001 - 9999	Track roller W1 R HE		191936
W 2000	0001 - 9999	Track roller W3 HE		2066123
W 210, W 210i	0001 - 9999	Track roller W3 HE		2111494
2100 DC	0001 - 9999	Track roller W4 HE		2070670
W 2100	0001 - 9999	Track roller W4 HE		2070670
W 220	0001 - 9999	Track roller W4 HE		2070670
W 2200	0001 - 0311		Track roller W5 F	118719
W 2200	0312 - 9999		Track roller W5 F	2053169
W 250, W 250i	0001 - 9999	Track roller W5 HE		2165046
SP 150	0001 - 9999	Track roller W1 HE		191936
SP 250, SP 500	0001 - 9999		Track roller W0 F	120585
SP 850, SP 850 Vario	0001 - 9999		Track roller W2 F	41190
SP 1600	0001 - 9999		Track roller W5 F/S	71674

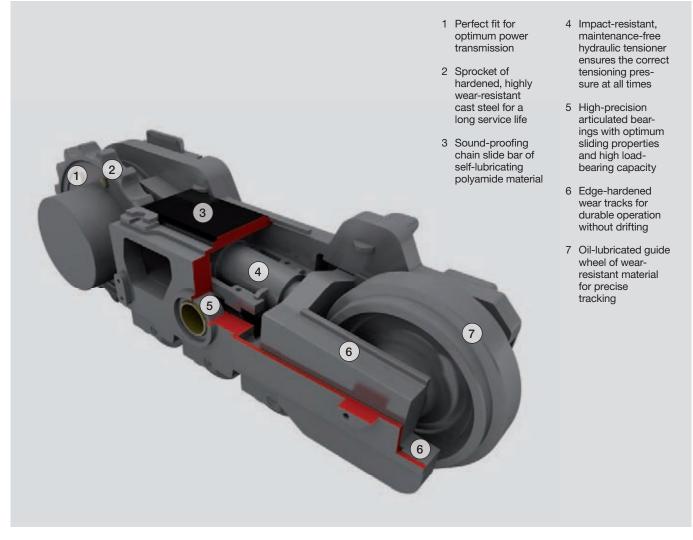
ORIGINAL WIRTGEN CRAWLER UNIT PARTS

The Wirtgen vehicles are designed to translate motive power into powerful feed during the milling process even in tough everyday site conditions.

All parts are precisely shaped and dimensioned to match the chain and ensure both effective power transmission and precise maintenance of the set course. The materials used guarantee a long service life and high functional reliability.

Pre-assembled idler units and tensioner systems permit rapid replacement, thus boosting the machine's availability.







Machine type	Series	Drive	Idler unit	Idler unit o		Chain slide	Friction be	aring
Machine type	range	wheel	steering	front	rear	bar	Bush	Ball- and socket bearing
W 1000 F, W 1200F, W 1300F*	0008 - 9999	55602	87705					2 x 18503
W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W130 Fi	0001 - 9999	55602	87705			2056527		2 x 18503
W 150, W 150i	0001 - 9999	55602	87705			2056527		2 x 18503
W 1900	0001 - 0107	55602	87705	106030	106031		2 x 55660	
W 1900	0108 - 9999	55602	87705	106030	106031			2 x 18503
W 200, W 200i	0001 - 9999	55602	2139776			2139779		2 x 153718
W 2000	0001 - 0293	121234	121232	121231	121231	138451	2 x 121258	
VV 2000	0294 - 9999	121234	121232	121231	121231	138451		2 x 153718
W 210, W 210i	0001 - 9999	121234	2139776			2139779		2 x 153718
2100 DC	0001 - 9999	41346	73749	43356	43356	41354	2 x 55592	
W 2100	0001 - 0147	41346	73749			138451		2 x 20345
W 2100	0148 - 9999	41346	191689			138451		2 x 20345
W 220	0001 - 9999	41346	191689			2212009		2 x 21063
W 2200	0001 - 0115	133013	133014			133018	2 x 133017	
VV 2200	0116 - 9999	133013	133014			133018		2 x 21063
W 250, W 250i	0003 - 9999	133013	133014			133018		2 x 21063
SP 150	0001 - 9999	55602	87705			2056527		2 x 18503

^{*} Only for series 07.10

	Series	Tensioner un Spring-/greas				Tensioner unit Hydraulic cylinder-system		
Machine type	range	Tensioner unit	complete	Grease	Sealing kit	Tensioner unit	Sealing kit	
		front	rear	nipple	tensioner	complete	tensioner	
W 1000 F*	0008 - 9999					129987	129989	
W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W 130 Fi	0001 - 9999					2056849	2056852	
W 150, W 150i	0001 - 9999					2056849	2056852	
W 1500, W 1900	0001 - 9999	106035	106036	38480	101814			
W 200, W 200i	0001 - 9999					2056849	2056852	
W 2000	0001 - 9999	121233	121233	38480	149063			
W 210, W 210i	0001 - 9999					2056849	2056852	
2100 DC	0001 - 9999	51329	51329	38480	38479			
W 2100	0001 - 9999					133015	133016	
W 220	0001 - 9999					133015	133016	
W 2200	0001 - 9999					133015	133016	
W 250, W 250i	0003 - 9999					133015	133016	
SP 150	0001 - 9999					2056849	2056852	

^{*} Only for series 07.10

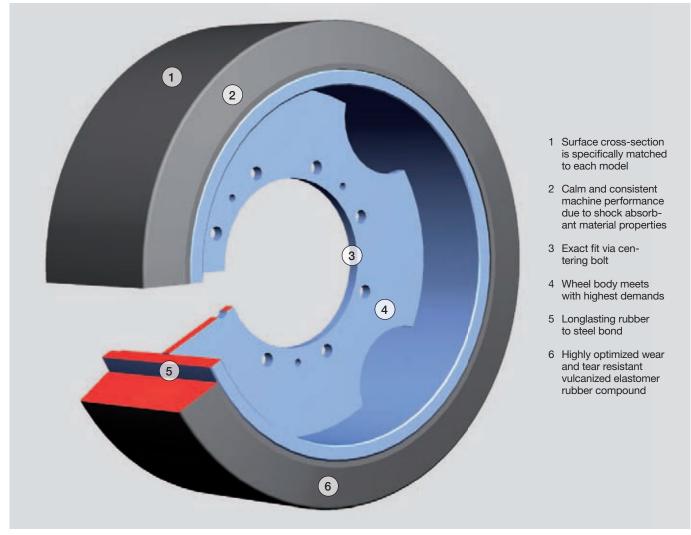
ORIGINAL WIRTGEN WHEELS, RUBBER TYRES, AIR AND FULL RUBBER TYRES



Machine traction is an important basic prerequisite for optimum milling performance. Milling machine and wheels must be matched precisely.

Original Wirtgen wheels have been specially developed on the basis of many years of practical experience to ensure optimum working results by Wirtgen's small milling machines and cold and hot recyclers, as well as to minimize wear costs. Wheels of cut-resistant elastomer rubber should be used for small milling machines. High-quality pneumatic and solid rubber tyres are recommended for cold recyclers.





ORIGINAL WIRTGEN TYRES AND WHEELS



Machine type	Model	Series range	Position	Wheel complete	Solid rubber bandage
W 350,	02.03,	0001 - 9999	front	56529	57151
W 350 E	03.03	0001 - 9999	rear	109638	
		0001 - 9999	front	2138565	2138566
W 35	05.03	0001 - 0039	rear	109638	
		0040 - 9999	rear	181793	
Was Do	04.00	0001 - 9999	front	2138565	2138566
W 35 DC	04.03	0001 - 9999	rear	181793	
			3 wheel front + rear	53348	57151
W 500	06.05	0001 - 9999	4 wheel front	62602	74626
			4 wheel rear	53348	57151
		0001 0000	3 wheel front	2136673	2136675
W FO	00.05	0001 - 9999	4 wheel front	2136641	2136645
W 50	08.05	0001 - 0067	3 wheel, 4 wheel rear	172139	171108
		0068 - 9999	3 wheel, 4 wheel rear	2136678	2136675
		0001 - 0191	3 wheel front	2136673	2136675
		0001 - 0194	4 wheel front	2136641	2136645
W 50	10.05	0192 - 9999	3 wheel front	2136673	2136675
		0195 - 9999	4 wheel front	2136641	2136645
		0001 - 9999	3 wheel, 4 wheel rear	2136678	2136675



ORIGINAL WIRTGEN TYRES AND WHEELS



Machine type	Model	Series range	Position	Wheel complete	Solid rubber bandage
		0001 - 0099	3 wheel front	2136373	2136675
		0100 - 9999	3 wheel front	2136683	2136675
W 50 DC	09.05	0001 - 0099 4 wheel front		2136641	2136645
W 50 DC	09.05	0100 - 9999	4 wheel front	2136670	2136645
		0001 - 0050	3 wheel, 4 wheel rear	173684	57151
		0051 - 9999	3 wheel, 4 wheel rear	2136678	2136675
		0001 - 0034	3 wheel front	97720	57151
		0035 - 9999	3 wheel front	111868	56052
W 600 DC, W 1000 L	07.05	0001 - 0106	4 wheel front	102476	74626
		0107 - 9999	4 wheel front	117051	117053
		0001 - 9999	3 wheel, 4 wheel rear	97720	57151
W 60,		0001 - 9999	3 wheel front	2136698	2136699
W 60i, W 100,	09.10, 12.10	0001 - 9999	4 wheel front	2136687	2136688
W 100i		0001 - 9999	3 wheel, 4 wheel rear	2136695	2136696
W 1000	05.10	0001 - 9999	front + rear	72790	1512
W 1000 F, W 1200 F, W 1300 F	06.10	0001 - 9999	front + rear	90040	1512
W 1000 F, W 1200 F, W 1300 F	07.10	0001 - 9999	front + rear	125782	123417
W 100 F, W 120 F, W 130 F	08.10	0001 - 9999	front + rear	125782	123417
W 100 Fi, W 120 Fi, W 130 Fi	13.10	0001 - 9999	front + rear	125782	123417

ORIGINAL WIRTGEN AIR AND FULL RUBBER TYRES



Machine type	Model	Series range	Position	Wheel complete	Tyre	Tube
WR 2000	03.WR	0001 - 9999	left front + rear	173541	174912	
Wh 2000	03.WN	0001 - 9999	right front + rear	173542	174312	
WR 2400	05.WR	0001 - 9999	left front + rear	131456	131453	140981
Wh 2400	05.Wh	0001 - 9999	right front + rear	131455	131433	140901
WR 240,	07.WR,	0001 - 9999	left front + rear	131456	131453	140981
WR 240i	10.WR	0001 - 9999	right front + rear	131455	131433	140961
WR 2500,	01.WR,	0001 - 9999	left front + rear	131456	131453	140981
WR 2500 S	04.WR	0001 - 9999	right front + rear	131455	131433	140961
WR 250	250 08.WR	0001 - 9999	left front + rear	131456	131453	140981
Wh 250		0001 - 9999	right front + rear	131455	131433	140901
			left front	142753	80017	
Raco 350	H4.24	0001 - 9999	right front	142752	80017	
naco 330	П4.24	0001 - 9999	left rear	142755	137211	
			right rear	142754	107211	
HM 4500	02.HM	0001 - 9999	left front + rear	15680	15374	15375
11101 4500	OZ.I IIVI	0001 - 9999	right front + rear	13000	10074	13073
RX 4500	05.RX	0001 - 9999	front + rear	32627	32023	
TCM 950,	02 PA	0001 0000	left front + rear	07422	106455	
TCM 1800	03.BA	0001 - 9999	right front + rear	97433	106455	



ORIGINAL WIRTGEN POWER BELTS AND BELT PULLEYS FOR MILLING DRUM DRIVES

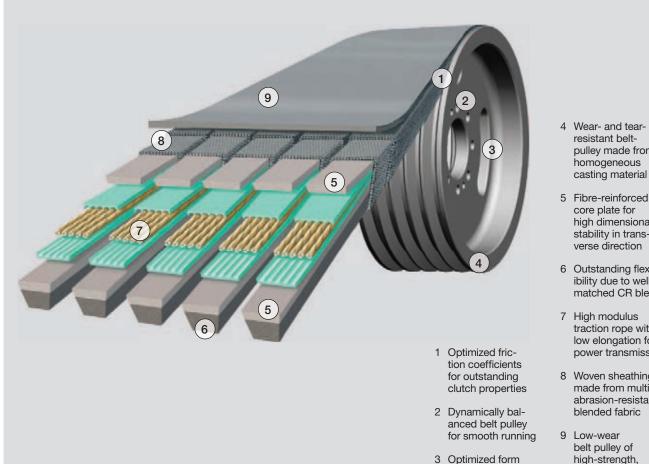


The power belts and belt pulleys make up a system that reliably transmits power from the engine to the milling drum and dampens disturbing vibrations.

The durable power belts and belt pulleys are precisely coordinated and optimized with regard to their coefficients of friction, so as to enable reliable transmission of the high tractive forces.

The belt pulleys are made of high-precision casting materials and are dynamically balanced.





- 4 Wear- and tearresistant beltpulley made from homogeneous
- 5 Fibre-reinforced core plate for high dimensional stability in transverse direction
- 6 Outstanding flexibility due to well matched CR blend
- 7 High modulus traction rope with low elongation for power transmission
- 8 Woven sheathing made from multiply, abrasion-resistant blended fabric
- belt pulley of high-strength, homogeneous cast materials

for effective heat

dissipation

ORIGINAL WIRTGEN POWER BELTS AND BELT PULLEYS FOR ROAD MILLING



			Assembly position of belt pulleys when shipped						
Machine type	Model	Series	Driving mo	otor/	Milling gea	arbox	Tensioner	roller	V-belt com-
		range	Belt Pulley	<i>'</i> 1	Belt Pulley	<i>y</i> 2	Belt Pulley 3		pound unit
			Ø (mm)	Part No.	Ø (mm)	Part No.	Ø (mm)	Part No.	
W 050	00.00	0001 - 0594	150	77052	187	77051	96	77054	77050
W 350	02.03	0595 - 9999	165	175664	200	175665	105	175666	176066
W 350 E	03.03	0001 - 9999	187	77051	150	77052	96	77054	77050
W 35	05.03	0001 - 9999	150	66891	187	66892	105	175666	176066
W 35 DC	04.03	0001 - 9999	165	175664	200	175665	105	175666	176066
W 50	10.05	0001 - 9999	215	170161	230	170170	155	173410	171089
W 50 DC	09.05	0001 - 9999	215	170161	230	170170	155	173410	171088
W 600 DC	07.05	0001 - 9999	250	97146	300	97148	265	97207**	97153
W 1000 L	07.05	0001 - 9999	250	97146	280	109646	265	97207**	97153
	04.10	0001 - 9999	280	52201	250	52203	265	97207**	72069
W 1000	05.10	0001 - 9999	280	52201	250	52203	265	53031***	72069
W 60, W 100, W 60i, W 100i	09.10, 12.10	0001 - 9999	250	97146	280	97147	190	2046453	2044867
W 1000 F, W 1200 F, W 1300 F	06.10, 07.10	0001 - 9999	250	52203	325	90042	265	97207**	92815
W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W 130 Fi	08.10, 13.10	0001 - 9999	265	191432	315	170796	265	191432	194597
		0001 - 0253			280	67150	250	67151	
	08.20	0254 - 9999			280	148639	250	186903	
W 1500,		0001 - 0219	330	142158	280	67150	250		143377
W 1900	09.20	0220 - 9999			280	148639	250		
	10.20	0088 - 9999			280	148639	250	186903	
		0001 - 0103	315	170796	280	67150	250	186903	66894
W 150	05.13	0104 - 9999	315	170796	280	148639	250	186903	66894
W 150i	06.13	0001 - 9999	315	170796	280	148639	250	186903	66894
W 200, W 200i	12.20, 14.20	0001 - 9999	355	2096843	280	2102336	365	2079000	2117172
W 2000*	06.20, 11.20	0001 - 9999	315	72438	280	114274	250	114275	113850
W 210, W 210i	13.20, 15.20	0001 - 9999	355	2 x 2096843	280	2102336	365	2079000	2099851
2100 DC	03.21	0001 - 9999	355	72437	315	72438	265	32702	33142
W 2100	09.21	0001 - 9999	400	80028	355	72437	315	72438	138901
14/000		0001 - 0003	420	2096848	355	2101923	365	2163034	2173436
W 220	05.22	0004 - 9999	420	2096848	355	2101923	365	2163034	2205179
W 2200	08.21	0001 - 9999	400	118543	355	118547	315	118545	120650
W 2200 (FB 3500-4300)	08.21	0001 - 9999	400	118543	355	118547	315	118545	2 x 134734
W 250, W 250i	04.22, 06.22	0001 - 9999	420	2 x 2096848	355	2101923	365	2099112	2165101

 $\mathsf{FB} = \mathsf{width} \ \mathsf{of} \ \mathsf{milling} \ \mathsf{drum} \ \mathsf{in} \ \mathsf{mm} \ \cdot \ ^\star \mathsf{FCS} \ \mathsf{by} \ \mathsf{request} \ \cdot \ ^{\star\star} \mathsf{Tensioner} \ \mathsf{roller} \ \mathsf{incl.} \ \mathsf{bearing} \ \cdot \ ^{\star\star\star} \mathsf{Tensioner} \ \mathsf{roller} \ \mathsf{incl.} \ \mathsf{bearing} \ \mathsf{and} \ \mathsf{tensioner} \ \mathsf{arm}$



ORIGINAL WIRTGEN POWER BELTS AND BELT PULLEYS FOR STABILISERS UND COLD RECYCLERS

Wirtgen Stabili	zers and I	Recyclers wi	th 3 belt pu	lleys							
			Assembly p	Assembly position of belt pulleys when shipped							
Machine type Model	Model	Series	Driving mot	Driving motor/ clutch		box	Tensioner roller		V-belt com-		
	range	Belt Pulley 1		Belt Pulley 2		Belt Pulley 3		pound unit			
		Ø (mm)	Part No.	Ø (mm)	Part No.	Ø (mm)	Part No.				
WR 2000	03.WR	0001 - 9999	400	170798	355	170797	315	170796	173713		
WR 2400	05.WR	0001 - 9999	400	80028	355	72437	315	72438	189294		
WR 2500, WR 2500 S	01.WR, 04.WR	0001 - 9999	400	80028	355	72437	355	72437	33142		
WS 2200, WS 2500	01.AS	0001 - 9999	330	182730	330	182730	190	182732	2 x 184981		
WS 220, WS 250	02.AS	0001 - 9999	330	182730	330	182730	190	182732	2 x 2106383		

Wirtgen S	tabilizers	and Recy	clers with	4 belt pu	lleys						
			Assembly position of belt pulleys when shipped								
Machine type Model Series range	Series	Driving motor/ clutch		Milling ge	Milling gearbox Re		Return pulley		roller	V-belt com- pound	
	range	Belt Pulle	Belt Pulley 1		Belt Pulley 2		Belt Pulley 3		(smooth)		
		Ø (mm)	Part No.	Ø (mm)	Part No.	Ø (mm)	Part No.	Ø (mm)	Part No.		
WR 240, WR 240i	07.WR, 10.WR	0001 - 9999	400	80028	355	72437	315	72438	365	2248223	2194459
WR 250	08.WR	0001 - 9999	400	2219400	355	2219396	355	2219396	365	2248223	2240153

1/min rpm	Ø400 Ø355 Ø315	Ø315 Ø400	Ø355 Ø315 Ø400
8	108	137	154
(C)	120	153	172
((((5)	133	169	190

1/min rpm		Ø355 Ø400	Ø400 Ø355
<u>\$</u> 1	<u>\$</u>	82	104
	(('c	91	116
	(((C)	101	128
	(C)	122	155
<u>\$</u> II	(C)	136	173
	(((C	151	192

WR 240 and WR 240i WR 250









ORIGINAL WIRTGEN BELT TENSIONING SYSTEMS FOR MILLING DRUM DRIVES

The belt tensioning system ensures that belts are tensioned to the extent necessary for reliable transmission of the power and simultaneously serves as a damping element during load cycles.

Due to the system's intelligent conceptual design, the belt tension is automatically adjusted throughout the service life of the power belts and makes it easier to replace them during maintenance work.

The bearing shaft is made from high-strength steel which is additionally galvanized to protect it against corrosion. The bearing seats are hardened and ground. They guarantee the precise fit of the bearings and ensure a long service life.

1 The V-belt compound unit (consisting of three belts in the picture) with several ribs effectively transfers power to the milling drum.





Small milling machines			Tensioner roller			
Machine type	Model	Series range	Bearing shaft	Bearing 1 (inside)	Bearing 2 (outside)	Tensioner/Tensioner arm
W 350	02.03	0001 - 0594 0595 - 9999	77055 175832	10981	10981	68181
W 350 E	03.03	0001 - 9999	77055	10981	10981	68181
W 35	05.03	0001 - 9999	175832	2463	10981	68181
W 35 DC	04.03	0001 - 9999	175832	2463	10981	68181
W 50, W 50 DC	10.05, 09.05	0001 - 9999	173409	86498	12071	176568
W 600 DC, W 1000 L	07.05	0001 - 9999		2473	2473	53031
W 60, W 60i	09.10, 12.10	0001 - 9999		2473	2473	2046451
W 1000	04.10, 05.10	0001 - 9999		2473	2473	53031
W 100, W 100i	09.10, 12.10	0001 - 9999		2473	2473	2064106
W 1000 F, W 1200 F, W 1300 F	06.10, 07.10	0001 - 9999		2473	2473	93991, 97207
W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W 130 Fi	08.10, 13.10	0001 - 9999	172728	89593	11465	



Large milling machines/recyclers			Tensioner roller			
Machine type	Model	Series range	Bearing shaft	Bearing 1 (inside)	Bearing 2 (outside)	Sealing rings
	08.20, 09.20	0001 - 0253	143169			
W 1500, W 1900	08.20, 09.20	0254 - 9999	187006	89593	11465	
	10.20	0001 - 9999	107000			
W 150, W 150i	05.13, 06.13	0001 - 9999	187006	89593	11465	
W 200, W 200i	12.20, 14.20	0001 - 9999	2096852	89593	11465	
	06.20	0001 - 0624	80299			
W 2000	06.20	0625 - 9999	187006	89593	11465	
	11.20	0001 - 9999	107000			
W 210, W 210i	13.20, 15.20	0001-9999	2096852	89593	11465	
2100 DC	03.21	0001 - 9999	32689	28727	5913	Shaft seal: 2 x 25504
W 2100	09.21	0001 - 0134	80299 187006	89593	11465	
VV 2100		0135 - 9999		09090	11403	
W 220	05.22	0001 - 9999	2096852	89593	11465	
W 2200	08.21	0001 - 9999	122268	50654	1585	Felt seal: 10948 Inner ring: 120158
W 250, W 250i	04.22, 06.22	0001 - 9999	2096852	89593	11465	
WR 2000	03.WR	0001 - 9999	172730	89593	11465	
WR 2400	05.WR	0001 - 9999	189408	89593	178530	10948
WR 240, WR 240i	07.WR, 10.WR	0001 - 9999	2187320	11177	178530	10948
WR 2500	01.WR	0001 - 0316	80299	89593	11465	
WR 2500 S	04.WR	0001 - 0123	80299	89593	11465	
Wh 2500 S	04.VVN	0124 - 9999	187006	69393	11403	
WR 250	08.WR	0001 - 9999	2187320	11177	178530	10948
WS 2200, WS 2500	01.AS	0001 - 9999	184927	185233	185233	
WS 220, WS 250	02.AS	0001 - 9999	184927	185233	185233	

Recyclers			Return pulley			
Machine type	Model	Series range	Bearing shaft	Bearing 1 (inside)	Bearing 2 (outside)	Sealing rings
WR 240, WR 240i	07.WR, 10.WR	0001 - 9999	2184397	11177	178530	10948
WR 250	08.WR	0001 - 9999	2184397	11177	178530	10948

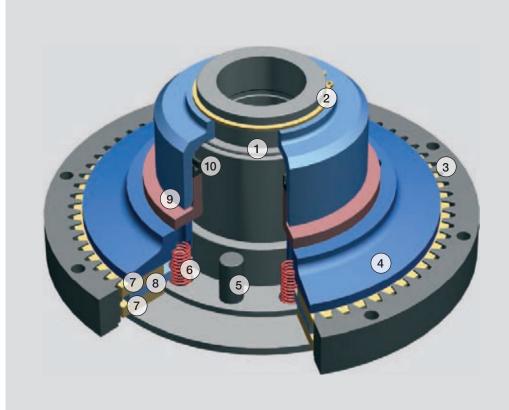


ORIGINAL WIRTGEN CLUTCHES

The clutches in milling machines must be capable of transmitting their high power output and reliably connecting and disconnecting the power in the milling power train.

Wirtgen clutches are specially designed for use in the respective power train. They are optimized to handle the stresses generated by the dynamic action of the cutting process.





- O-ring for reliably sealing the clutch housing
- 2 Locking ring for reliable absorption of axial forces
- 3 High-precision diecast gear rim for accurate power transmission
- 4 Robust thrust plate for pre-tensioning
- 5 Reliable power transmission to clutch pin and hub
- 6 Fatigue-proof thrust springs designed for a large number of load cycles
- 7 Outer discs with optimized coating for powerful frictional engagement
- 8 Inner disc for reliable torque transmission
- 9 Optimized cylinder-piston combination for mobility with zero backlash
- 10 Grooved ring of heatresistant material





Machine type	Model	Description	Series range	Quantity	Part No.
7.		Chutab complete	0001 - 0449	1	66626
		Clutch complete	0450 - 9999	1	148656
		Clutch element	0001 - 0449	1	74339
		Clutch element	0450 - 9999	1	185025
W 350	02.03	Toothed ring	0001 - 9999	1	1556
W 330	02.03	Outer disk	0001 - 9999	1	5568
		Pressure spring	0001 - 9999	6	22137
		Rotary duct	0001 - 9999	1	68180
		Cooling leit	0001 - 0449	1	74338
		Sealing kit	0450 - 9999	1	185019
		Clutch complete	0001 - 9999	1	182230
		Friction disk	0001 - 9999	1	2061213
W 35,	05.03,	Pressure spring	0001 - 9999	12	2061223
W 35 DC	04.03	Pressure spring	0001 - 9999	12	2061225
		Rotary duct	0001 - 9999	1	68180
		Sealing kit	0001 - 0449	1	195516
		Clutch complete	0001 - 0214	1	184685
		Clutch complete	0215 - 9999	1	2156812
		Toothed ring	0001 - 0214	1	2061230
		Outer disk	0001 - 0214	2	2061232
		Inner disk	0001 - 0214	1	2061231
		Pressure spring	0001 - 0214	8	2061229
A. 50	08.05,	Diaphragm with friction lining	0215 - 9999	1	2216791
N 50	10.05	Elastic element	0215 - 9999	1	2164552
		Connection ring	0215 - 9999	1	2214499
		Pressure spring	0215 - 9999	12	2061223
		Pressure spring	0215 - 9999	12	2061225
		Rotary duct	0001 - 9999	1	68180
		Sealing kit	0001 - 0214	1	195515
		Sealing kit	0215 - 9999	1	2216700
		Clutch complete	0001 - 0497	1	180703
		Clutch complete	0498 - 9999	1	2172643
		Toothed ring	0001 - 0497	1	2061230
		Outer disk	0001 - 0497	3	2061232
W 50 DO	00.07	Inner disk	0001 - 0497	2	2061231
W 50 DC	09.05	Pressure spring	0001 - 0497	8	2061334
		Elastic element	0498 - 9999	1	2164552
		Connection ring	0498 - 9999	1	2214499
		Rotary duct	0001 - 9999	1	68180
		Sealing kit	0001 - 9999	1	195515



ORIGINAL WIRTGEN CLUTCHES

Machine type	Model	Description	Series range	Quantity	Part No.
W 600 DC,		Clutch complete	0001 - 9999	1	70196
		Clutch element	0001 - 9999	1	76650
	07.05	Toothed ring	0001 - 9999	1	1568
W 1000 L,	07.05, 05.10	Outer disk	0001 - 9999	2	13882
W 1000		Pressure spring	0001 - 9999	6	16589
		Rotary duct	0001 - 9999	1	68180
		Sealing kit	0001 - 9999	1	76651
		Clutch complete	0001 - 9999	1	2063641
		Toothed ring	0001 - 9999	1	2061284
W 60, W 60i,	09.10,	Outer disk	0001 - 9999	2	13882
W 100, W 100i	12.10	Pressure spring	0001 - 9999	6	16589
		Rotary duct	0001 - 9999	1	68180
		Sealing kit	0001 - 9999	1	185020
		Clutch complete	0001 - 0149	1	70196
	07.10	Clutch complete	0150 - 9999	1	138200
		Toothed ring	0001 - 9999	1	1568
W 1000 F,		Outer disk	0001 - 9999	2	13882
W 1200 F, W 1300 F		Pressure spring	0001 - 9999	6	16589
		Rotary duct	0001 - 9999	1	68180
		Octobra 179	0001 - 0149	1	76651
		Sealing kit	0150 - 9999	1	185020
		Clutch complete	0001 - 9999	1	190202
W 100 F,		Clutch element	0001 - 9999	1	2061289
W 120 F,		Toothed ring	0001 - 9999	1	2061284
W 130 F, W 100 Fi,	08.10, 13.10	Outer disk	0001 - 9999	2	13882
W 120 Fi,	13.10	Pressure spring	0001 - 9999	6	16589
W 130 Fi		Rotary duct	0001 - 9999	1	66852
		Sealing kit	0001 - 9999	1	2061297
		Clutch complete	0113 - 9999	1	159244
		Toothed ring	0113 - 9999	1	133789
		Outer disk	0113 - 9999	2	82243
W 1500	08.20	Pressure spring	0113 - 9999	9	16589
		Rotary duct	0001 - 9999	1	66852
		Sealing kit	0113 - 9999	1	185024
		Clutch complete	0129 - 9999	1	159245
		Clutch element	0001 - 9999	1	135110
	08.30	Toothed ring	0001 - 9999	1	135109
W 1900	08.20, 09.20,	Outer disk	0001 - 9999	3	2068961
	10.20	Pressure spring	0001 - 9999	6	135107
		Rotary duct	0001 - 9999	1	66852
		Sealing kit	0129 - 9999	1	134277
		Country Int	0120 0000		IJILII





Machine type	Model	Description	Series range	Quantity	Part No.
		Clutch complete	0001 - 9999	1	190202
		Clutch element	0001 - 9999	1	2061289
		Toothed ring	0001 - 9999	1	2061284
N 150, N 150i	05.13, 06.13	Outer disk	0001 - 9999	2	13882
7 1001	00.10	Pressure spring	0001 - 9999	6	16589
		Rotary duct	0001 - 9999	1	66852
		Sealing kit	0001 - 9999	1	2061297
		Clutch complete	0001 - 9999	1	2096348
		Clutch element	0001 - 9999	1	2139393
		Toothed ring	0001 - 9999	1	133789
V 200,	12.20, 14.20	Outer disk	0001 - 9999	2	82243
V 200i	14.20	Pressure spring	0001 - 9999	6	16589
		Rotary duct	0001 - 9999	1	2131394
		Sealing kit	0001 - 9999	1	2139503
		Clutch complete	0001 - 9999	1	2096349
		Clutch element	0001 - 9999	1	2139394
		Toothed ring	0001 - 9999	1	1568
W 210, W 210i	13.20, 15.20	Outer disk	0001 - 9999	2	13882
two identical clutches)		Pressure spring	0001 - 9999	6	16589
		Rotary duct	0001 - 9999	1	2131394
		Sealing kit	0001 - 9999	1	2139501
		Clutch complete	0001 - 9999	1	113902
		Clutch element	0001 - 9999	1	156163
	06.20,	Toothed ring	0001 - 9999	1	133789
V 2000,	11.20,	Outer disk	0001 - 9999	2	82243
W 2100	09.21	Pressure spring	0001 - 9999	9	16589
		Rotary duct	0001 - 9999	1	66852
		Sealing kit	0001 - 9999	1	155377
		Clutch complete	0001 - 9999	1	2174377
		Clutch element	0001 - 9999	1	2216807
		Diaphragms with friction lining	0001 - 9999	1	2216816
N 220	05.22	Pressure spring	0001 - 9999	40	2216818
	00.22	Pressure spring	0001 - 9999	36	2216819
		Rotary duct	0001 - 9999	1	2131394
		Sealing kit	0001 - 9999	1	2216821
		Clutch complete	0118 - 9999	1	82041
		Clutch element	0118 - 9999	1	65601
		Toothed ring	0118 - 9999	1	65598
2100 DC	03.21	Outer disk	0118 - 9999	3	82243
	00.21	Pressure spring	0118 - 9999	1 set	65602
		Rotary duct	0118 - 9999	1	66852
			0118 - 9999		65603
		Sealing kit	0110 - 8888	1	03003



ORIGINAL WIRTGEN CLUTCHES

Machine type	Model	Description	Series range	Quantity	Part No.
		Clutch complete	0001 - 9999	1	116937
		Clutch element	0001 - 9999	1	156164
		Toothed ring	0001 - 9999	1	155368
W 2200 DC / CR	08.21	Outer disk	0001 - 9999	2	155369
		Pressure spring	0001 - 9999	1 set	155370
		Rotary duct	0001 - 9999	1	66852
		Sealing kit	0001 - 9999	1	155378
		Clutch complete	0233 - 9999	1	192509
		Clutch element	0233 - 9999	1	156328
		Toothed ring	0233 - 9999	1	156370
W 2200 SM	08.21	Outer disk	0233 - 9999	3	156371
		Pressure spring	0233 - 9999	1 set	156372
		Rotary duct	0001 - 9999	1	66852
		Sealing kit	0001 - 9999	1	155378
		Clutch one complete	0001 - 9999	1	2096348
		Clutch element	0001 - 9999	1	2139393
	04.22, 06.22	Toothed ring	0001 - 9999	1	133789
		Outer disk	0001 - 9999	2	82243
		Pressure spring	0001 - 9999	6	16589
		Sealing kit	0001 - 9999	1	2139503
W 250, W 250i		Clutch two complete	0001 - 9999	1	2096349
(two clutches)		Clutch element	0001 - 9999	1	2139394
,		Toothed ring	0001 - 9999	1	1568
		Outer disk	0001 - 9999	2	13882
		Pressure spring	0001 - 9999	6	16589
		Sealing kit	0001 - 9999	1	2139501
		Rotary duct	0001 - 9999	2	2131394
		Clutch complete	0001 - 9999	1	159871
		Clutch element	0001 - 9999	1	185021
		Toothed ring	0001 - 9999	1	59946
WR 2000	03.WR	Outer disk	0001 - 9999	3	13882
		Pressure spring	0001 - 9999	6	53147
		Rotary duct	0001 - 9999	1	66852
		Sealing kit	0001 - 9999	1	185022
			0001 - 0043	1	113902
		Clutch complete	0044 - 0176	1	2068894
			0177 - 9999	1	2133716
		Clutch element	0001 - 9999	1	156163
WR 2400	05.WR	Toothed ring	0001 - 9999	1	133789
		Outer disk	0001 - 9999	2	82243
		Pressure spring	0001 - 9999	9	16589
		Rotary duct	0001 - 9999	1	66852
		Sealing kit	0001 - 9999	1	155377





Machine type	Model	Description	Series range	Quantity	Part No.
		Clutch complete	0001 - 9999	1	2177236
		Clutch element	0001 - 9999	1	156163
		Toothed ring	0001 - 9999	1	133789
WR240	07.WR	Outer disk	0001 - 9999	2	82243
		Pressure spring	0001 - 9999	9	16589
		Rotary duct	0001 - 9999	1	66852
		Sealing kit	0001 - 9999	1	155377
		Clutch complete	0001 - 9999	1	2177236
		Clutch element	0001 - 9999	1	156163
		Toothed ring	0001 - 9999	1	133789
WR240i	10.WR	Outer disk	0001 - 9999	2	82243
		Pressure spring	0001 - 9999	9	16589
		Rotary duct	0001 - 9999	1	66852
		Sealing kit	0001 - 9999	1	155377
		Clutch complete	0001 - 9999	1	82039
		Clutch kit	0001 - 9999	1	198210
		Clutch element	0001 - 9999	1	65601
ND 0500	04 14/0	Toothed ring	0001 - 9999	1	65598
WR 2500	01.WR	Outer disk	0001 - 9999	3	82243
		Pressure spring	0001 - 9999	1 set	65602
		Rotary duct	0001 - 9999	1	66852
		Sealing kit	0001 - 9999	1	65603
		Clutch complete	0001 - 9999	1	155280
		Clutch element	0001 - 9999	1	185026
		Toothed ring	0001 - 9999	1	182696
WR 2500 S	04.WR	Outer disk	0001 - 9999	3	82243
		Pressure spring	0001 - 9999	1 set	65602
		Rotary duct	0001 - 9999	1	66852
		Sealing kit	0001 - 9999	1	185023
		Clutch complete	0001 - 9999	1	2177239
		Clutch element	0001 - 9999	1	185026
		Toothed ring	0001 - 9999	1	133789
WR250	08.WR	Outer disk	0001 - 9999	3	82243
		Pressure spring	0001 - 9999	1 set	65602
		Rotary duct	0001 - 9999	1	66852
		Sealing kit	0001 - 9999	1	185023



ORIGINAL WIRTGEN LEVELING TECHNOLOGY

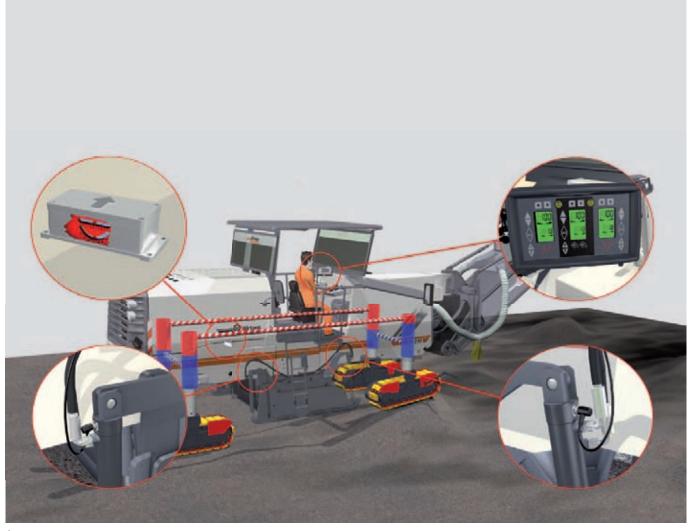
The job of leveling

Leveling has the job of automatically regulating the depth or inclination of milling dependent on a reference as precisely as possible.

To guarantee that a surface layer is removed at the exactly specified level, the leveling system permanently matches the actual milling depth with the set target depth and ensures that it remains so. On the one hand, the aim is to level out or copy an existing surface and, on the other, to selectively remove individual layers and to create defined surface profiles like transverse slopes, for example.

Depending on the construction project and the local site conditions, different systems are used that have different references.

> 1 To provide optimum machine stability, the hydraulically coupled crawler units compensate the differences in height that occur.



WIRTGEN WIRTGEN WIRTGEN



Manual grade control via a mechanical milling depth indicator

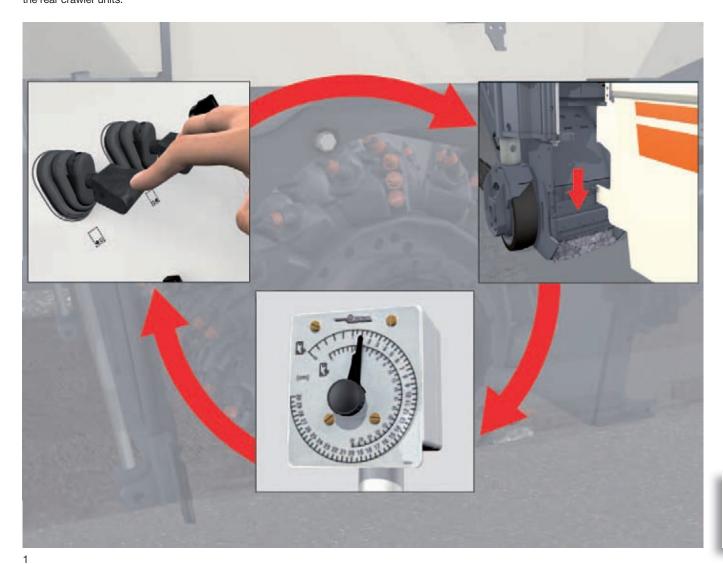
With small milling machines, you set the height manually by lowering the lifting columns of the rear crawler unit.

Operators receive the necessary information on the milling depth by means of two separate indicators – one for the right-hand side and one for the left-hand one. If the milling depth deviates from the target value, operators correct the height manually using the rear lifting columns.

In daily practice on-site, operators are always involved in the milling and leveling process at the same time.

This "human factor" naturally results in slower responses to deviations in the milling depth with corrections being less exact, since they are not carried out automatically.

1 If the displayed milling depths deviate from the target value, you manually correct the height of the rear crawler units.





ORIGINAL WIRTGEN LEVELING TECHNOLOGY



Automated leveling in the control loop (with absolute and relative references)

In the process of automated control, the grade control system takes a load off machine operators.

The aim is to automatically regulate the milling depth or inclination dependent on a reference in a very precise way.

In this connection, the control loop in question is a closed one that makes it possible to use a wide range of different sensors.

The sensors detect deviations in the target milling depth, the leveling system calculates it and automatically initiates an appropriate correction of the machine.

Depending on the reference, different sensors are used for different tasks.

1 Displacement sensors in the hydraulic cylinders record the current milling depth, the grade and slope control system then analyses the data to correct the height accordingly.



WIRTGEN WIrtgen

ORIGINAL WIRTGEN LEVELING CONTROLS



DLS1 (until 2007)

The DLS1 milling depth regulator is an operator panel and a regulator in one unit.

- 1 component that is used directly on the operator station and, in addition, as an external handset on each side of the machine to regulate the milling depth on the right and on the left. One regulator is needed per control loop (machine side).
- Interface for analogue or CAN measuring data for the side plate and inclination sensors.

1 The DLS1 milling depth regulator records analogue measuring data from the edge protector and inclination sensors.



LEVEL PRO (from 2007)

The LEVEL PRO leveling system has been specially developed for Wirtgen milling machines and is structured as a modular system.

It allows you to automatically regulate the milling depth on both sides of the machine at the same time from the operator station.

- User-friendly operator panels for use at the operator station or on the sides of the machine
- A permanently installed digital controller to control milling depth regulation on both sides of the machine and to evaluate all the sensors
- An operator concept that is easy and quick to learn (user-friendly graphic displays and function keys)
- Possible to load analogue and CAN sensors at the same time

LEVEL PRO 2 (from 2010)

To do justice to the enhanced features of the new generation of large Wirtgen milling machines, we adapted the LEVEL PRO system in 2010 to completely integrate the functions into the control system of the overall machine.

- Integration of four-fold oscillation
- Integration of the PTS system
- Introduction of analogue cylinder sensors
- Multiplex preparation in the controller as standard



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ORIGINAL WIRTGEN SENSORS AND SCANNING COMPONENTS

Hydraulic cylinder sensor

With the latest large milling machines, the cable and sonic sensors that have been used up to now are omitted, since both raising cylinders on the edge protector contain displacement sensors.

These sensors work on a non-contact basis and are protected mechanically by the hydraulic cylinder housing. This robust measuring process reliably copies the surface.



Ultrasonic sensor

The ultrasonic sensor that works on a noncontact basis can sample both the height of the edge protector and the reference surface next to and in front of the milling drum.

It transmits sound waves at high frequency that the reference surface reflects and the sensor collects again. The time between transmitting and receiving the signal is the measure of the distance to the surface.

With this measuring procedure, you must take into account the dependence of the sound speed on the ambient temperature. Gusts and drags of wind from vehicles driving past may possibly affect measurement for a short period of time. Measuring errors that are caused by a general change in ambient temperature are compensated for to the largest extent possible by means of the corresponding compensation sensors in the device.



- 1 Two hydraulic cylinders with displacement sensors measure the milling depth on both edge protector shields on a non-contact basis.
- 2 Ultrasonic sensors that work on a noncontact basis can sample either the height of the edge protector or a reference surface.







Slope sensor

The slope sensor that is fixed to the machine is used to generate surfaces for which you cannot use relative references.

The slope sensor works with an absolute wear-free measuring procedure. This makes it possible to generate surfaces in all the predefined transverse slopes.



Cable sensor

The cable sensor is a height sensor that is hooked onto the edge protector.

While the edge protector mechanically scans the reference surface, the sensor determines possible irregularities or differences in height.

This direct measurement copies the surface.

Cable sensors are robust and guarantee reliable scanning even in difficult weather conditions.



2

- 1 Using the electronic slope sensor allows you to easily mill specified inclinations.
- 2 Robust cable sensors that are attached to the edge protector are used for mechanical scanning of the surface.

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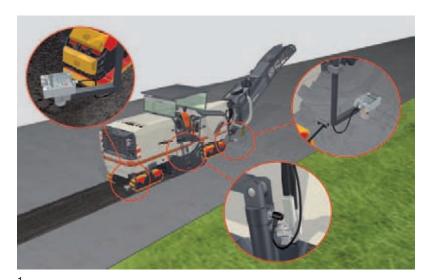
ORIGINAL WIRTGEN SENSORS AND SCANNING COMPONENTS

Multiplex systems

Multiplex systems are used to measure extended, elongated irregularities and combine several sensors on one of the two machine sides (e.g. cable, sonic, or cylinder sensors).

The system calculates the current milling depth very precisely from the average value of the connected sensors; this makes it possible to compensate longitudinal waves very well.

The system is particularly suitable for use in the case of fine milling work.



Sonic Ski sensor

The Sonic Ski contains five sonic sensors that you can use both to carry out non-contact scanning of a wire (sensor aligned at right angles to the stringline) and to scan a surface (sensor aligned in the direction of travel or parallel to the edge protector).

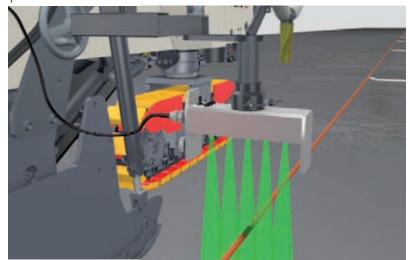
When scanning a surface, the system generates the measured value by averaging the individual sonic measurements; irregularities in the covering to be milled can be quickly levelled.

Only three of these five sonic measurements are used for averaging. The respective minimum and maximum values are discarded.

In the case of rope scanning, you must switch over the sensor appropriately and reposition it. When doing this, the system only evaluates the lowest value of the sonic measurement in each case.

Measurement is sensitive to temperature and wind; this means that a sensor allows fast temperature compensation by means of a separate reference measurement.

The Sonic Ski is aligned along or across the machine.



- 1 With extended uneven road surfaces, it is possible to calculate the milling depth in a very precise way by averaging several connected sensors.
- 2 The Sonic Ski's measured value is generated by averaging five individual sonic measurements.



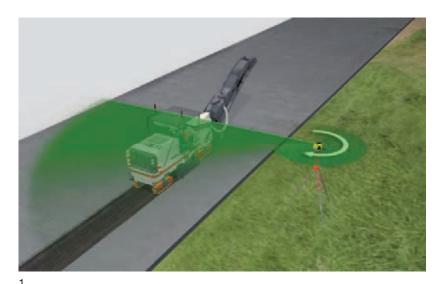




Laser sensor

Laser sensors on the machine receive the signals of a rotating laser beam that spreads an even reference surface in the space by rotating.

The wear-free, ultra-precise height measurement is suitable in particular for work on tunnels, airports, and sports and indoor facilities.



3D sensor

The current machine position is collected via a total station or GPS systems.

This data is matched with a previously generated digital model of the terrain of the planned milling area.

During the milling process, the system carries out continuous matching between the machine's target position and its actual one by means of the 3D-computer. The LEVEL PRO System regulates the corresponding irregularities.

The LEVEL PRO and the 3D-computer are connected to one another across the CAN bus.

The machine feed must be adapted on an ongoing basis to meet this requirement for precision.



2

1 Laser sensors that are attached to the cold miller work in conjunction with a laser transmitter that generates a defined level surface in the space.

2 With 3D applications, a total station or a GPS system focuses a prism that is attached to the cold miller and determines the current milling depth from this.



ORIGINAL WIRTGEN SELECTION TABLE



Possible applications	Edge protector sensors (cable or hydraulic cylinder sensors)	Multiplex- system	Scanning in front of the milling drum	Slope sensor	Ultrasonic sensor	Sonic ski sensor	Laser sensor	3D sensor
Removing a surface course	• • •	•	• •	•	•	•	0	0
Removing surface and binder courses	•••	•	• •	•	•	•	0	0
Complete removal of carriageways	•••	•	• •	•	•	•	0	0
Corrective milling work placing major demands on the evenness of the surface	• •	•••	•	•	•	•	0	0
Removing asphalt with a specified inclination	• •	•	•	•••	•	•	0	0
Concrete milling	• • •	•	• •	•	•	•	0	0
Removing surfaces stipulated by stringwire	•	•	•	• •	•	•••	0	0
Making exactly even surfaces (renovation of the floors of indoor facilities, tunnelling, etc.)	•	•	•	•	•	•	•••	0
Establishing new sur- face contours according to digital models of the terrain	• •	0	0	•	0	0	0	• • •
	•••	Main sensor	• •	Recommend- ed second sensor	•	Alternative second sensor	0	Not suitable

For the applications listed above, at least the main sensor should always be used. Each of the main sensors shown can also be used on both height controllers or be combined with the recommended secondary sensors in each case.

For examples of deployment, please refer to the Cold Milling Manual (to be finished in Spring 2013).



ORIGINAL WIRTGEN LEVELING COMPONENTS



Description	Part No.
Control Panel LEVEL PRO	2154440
Cover for LEVEL PRO console	2064305
Milling depth regulator LEVEL PRO	2196463
Milling depth regulator LEVEL PRO 2	2245137
Milling depth regulator DLS1	2075279
Milling depth indicator	178947
Wire rope exchange set II	112024
Cable sensor III (PWM)	161455
Wire rope exchage set III	165399
Cable sensor (analogue 0 - 10 volts)	181915
Slope sensor fluid PWM/CAN	157449
Slope sensor DIGITAL CAN	2207880
Ultrasonic sensor	58614
Sonic ski sensor	101244
Transducing sensor digital	76309
Laser sensor LS3000	2147807
Laser sensor LS6000	2174727
Cylinder sensor left: W 200*, W 210*, W 220, W 250*	2103475
Cylinder sensor right: W 200*, W 210*, W 220, W 250*	2105212
External Multiplexbox 3-way	2102694
Junction box (3D alarm box LEVEL PRO)	2172896

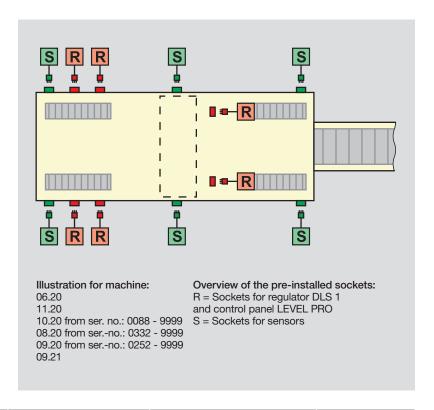
^{*}also for the "i" series listed



ORIGINAL WIRTGEN CABLES FOR LEVELING COMPONENTS

Power and sensor cables are available in various lengths so that the control panel, DLS1 regulators and sensors can be mounted on the machine in a variety of positions, thus significantly increasing flexibility in everyday work. Their spiral design makes them compact and yet sufficiently long – without causing interference.

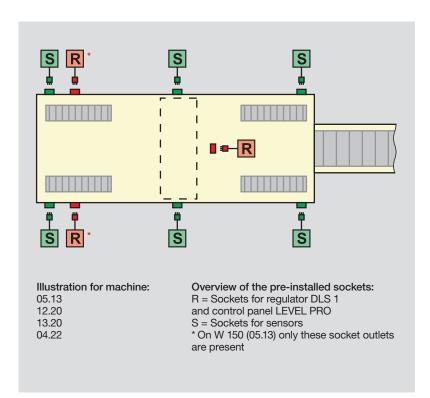
The power cables connect the control panels and DLS1 regulators with the machine. They ensure a secure supply of power and reliably transmit control data for the CAN bus via the installed wiring.



Description	For socket outlet	Length spiral/stretched (mm)	Part No.
Power cable for control panel LEVEL PRO (10-/7-polar)	R	1000 / 3000	192539
Power cable, plug one-sided angular (10-polar, grey, with CAN)	R	500 / 1750	117833
Power cable (10-polar, yellow, without CAN)	R	- / 1500	102136
Sensor cable (7-polar)	S	-/700	98676
Sensor cable (7-polar)	S	900 / 3100	74459
Sensor cable (7-polar)	S	- / 1500	102137
Sensor cable (7-polar)	S	1700 / 6000	58615
Adapter box for sensor cable (for extension)	S	-	2116372
Extension cable for sensors (7-polar)	S	-/1600	2102128
Sensor cable, plug and bush single sided angular (7-polar)	S	900 / 3100	117835







The sensor cables connect the individual sensors to the milling depth regulators and transmit the measurement data. The cables and plugs are of highly durable design in order to ensure reliable function despite the rough conditions of constant use on a construction site.

Description	For socket outlet	Length spiral/stretched (mm)	Part No.
Power cable for control panel LEVEL PRO (7-polar)	R	1000 / 3000	2096045
Sensor cable (7-polar)	S	-/700	98676
Sensor cable (7-polar)	S	900 / 3100	74459
Sensor cable (7-polar)	s	-/1500	102137
Sensor cable (7-polar)	S	1700 / 6000	58615
Adapter box for sensor cable (for extension)	s	-	2116372
Extension cable for sensors (7-polar)	s	-/1600	2102128
Sensor cable, plug and bush single sided angular (7-polar)	S	900 / 3100	117835



ORIGINAL WIRTGEN RETROFIT KITS FOR LEVELING SYSTEMS



Growing demands with regard to milling accuracy also impose higher requirements to be met by the machines used.

The leveling system in Wirtgen road milling machines is designed to be so flexible that it can easily be adapted to a whole variety of requirements.

With our retrofit kits, the machines can be specifically upgraded for new applications and areas of use.





ORIGINAL WIRTGEN RETROFIT KITS FOR HEIGHT REGULATION



				Cable sensor/cylin		
Machine type	Model	Ultrasonic sensor	Sonic ski	Scanning on the	Ground scanning in front of the drui	m
				side plate	one side	both sides
		In	creasing precisi	on		\longrightarrow
W 350	02.03					
W 35	05.03			On req.		
W 35 DC	04.03			On req.		
W 500	06.05	On req.	On req.	80940		
W 50	10.05	On req.	On req.	176424		
W 50 DC	09.05	On req.	On req.	176424		
W 600 DC, W 1000 L	07.05	On req.	On req.	102004		
W 1000	05.10	On req.	On req.	72764		
W 60, W 100, W 60i, W 100i	09.10, 12.10	On req.	On req.	2053793		
W 1000 F, W 1200 F, W 1300 F	06.10	On req.	On req.	90017		
W 1000 F, W 1200 F, W 1300 F	07.10	On req.	On req.	90017		
W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W130 Fi	08.10, 13.10	On req.	On req.	190859		
W 150, W 150i	05.13, 06.13	On req.	On req.	2070573	2094139	
W 1500, W 1900	08.20, 09.20, 10.20	143459	143462	143344	187202	
W 200, W 200i	12.20, 14.20	On req.	On req.	Standard	2112702	2112703
W 2000	06.20, 11.20	143459	143462	119692	150177	
W 210, W 210i	13.20, 15.20	On req.	On req.	Standard	2112702	2112703
2100 DC	03.21	75455	109999	75669	On req.	
W 2100	09.21	143459	143462	119692	150177	
W 220	05.22	On req.	On req.	Standard	2125960	2125961
W 2200	08.21	143459	143462	124722	150177	
W 250, W 250i	04.22, 06.22	On req.	On req.	Standard	2125960	2125961

Recommendable Conditionally recommendable On r

On req. = On request



ORIGINAL WIRTGEN RETROFIT KITS FOR HEIGHT AND SLOPE REGULATION



		Series	Multiplex 3-way	(
Machine type	Model	range	one side	both sides	Slope sensor
W 350	02.03	0001 - 9999			
W 35	05.03	0001 - 9999			On req.
W 35 DC	04.03	0001 - 9999			On req.
W 500	06.05	0001 - 9999			On req.
W 50	10.05	0001 - 9999			176425
W 50 DC	09.05	0001 - 9999			176452
W 600 DC, W 1000 L	07.05	0001 - 9999			102006
W 1000	05.10	0001 - 9999			157708
W 60, W 100, W 60i, W 100i	09.10, 12.10	0001 - 9999			2053826
W 1000 F, W 1200 F, W 1300 F	06.10	0001 - 9999			98213
W 1000 F, W 1200 F, W 1300 F	07.10	0001 - 9999	On req.	On req.	98213
W 100 F, W 120 F, W 130 F, W 100Fi, W 120 Fi, W 130 Fi	08.10, 13.10	0001 - 9999	On req.	On req.	190858
W 150, W 150i	05.13, 06.13	0001 - 9999	2124541	2124543	2090856
W 1500 W 1000	00.00	0001 - 0244	119770	On req.	
W 1500, W 1900	08.20	0245 - 9999	178494	195482	150041
W 1900	09.20,	0001 - 0209	119770	On req.	150841
W 1900	10.20	0210 - 9999	2095592	195482	
W 200, W 200i	12.20, 14.20	0001 - 9999	2130277	2130364	2105693
Wasas	06.20,	0001 - 0604	119770	On req.	0.00
W 2000	11.20	0605 - 9999	2095592	195482	On req.
W 210, W 210i	13.20, 15.20	0001 - 9999	2130277	2130364	2105693
2100 DC	03.21	0001 - 9999	178494	On req.	102321
		0001 - 0129	119770	On req.	
W 2100	09.21	0130 - 9999	2095592	195482	On req.
W 220	05.22	0001 - 9999	2130377	2130364	2105693
W 0000	00.04	0001 - 0199	119770	On req.	On roa
W 2200	08.21	0200 - 9999	2095592	195482	On req.
W 250, W 250i	04.22, 06.22	0001 - 9999	2130377	2130364	2105693
WR 2000	03.WR				173133
WR 2400	05.WR				173133
WR 2500	01.WR				150602
WR 2500 S	04.WR				154765

Recommendable

Conditionally recommendable

On req. = On request



ORIGINAL WIRTGEN LEVEL PRO RETROFIT KITS





To be able to retrofit older series with the innovative grade and slope control system LEVEL PRO, Wirtgen offers retrofit kits with which the conversion to the new system can be made quickly and straightforwardly.

Wirtgen offers the following retrofit kits:

- · Retrofit kit, internal
- · Retrofit kit, external
- Retrofit kit, control panel

Please note the following information and the footnotes in the table of order data overleaf so that your retrofit kit can be installed without difficulty.

LEVEL PRO retrofit kit, internal

The internal retrofit kit supplies the full scope of LEVEL PRO functions for selected machine models (see table of order data). With this kit, the controller is installed directly inside the existing control cabinet.

The internal retrofit kit comprises the following parts:

- 1 control panel (incl. holder and cover)
- 1 controller
- 1 connecting cable
- Installation instructions and material

LEVEL PRO retrofit kit, external

The external retrofit kit encompasses the complete scope of LEVEL PRO functions, with few exceptions (see table of order data). The controller is installed externally under the storage box with a terminal box supplied with the kit (see photo above).*

The external retrofit kit comprises the following parts:

- 1 control panel (incl. holder and cover)
- 1 controller
- 1 terminal box for the controller
- 1 connecting cable
- Installation instructions and material

Retrofit kit, control panel

Only the LEVEL PRO functions which are not dependent on the controller can be used when retrofitting an additional control panel with continued use of the DLS controller. The full functional scope is available if the machine is already equipped with a LEVEL PRO controller.

The control panel retrofit kit comprises the following parts:

- 1 control panel (incl. holder and cover)
- 1 connecting cable





^{*} on W 2000, W 2100, W 2200

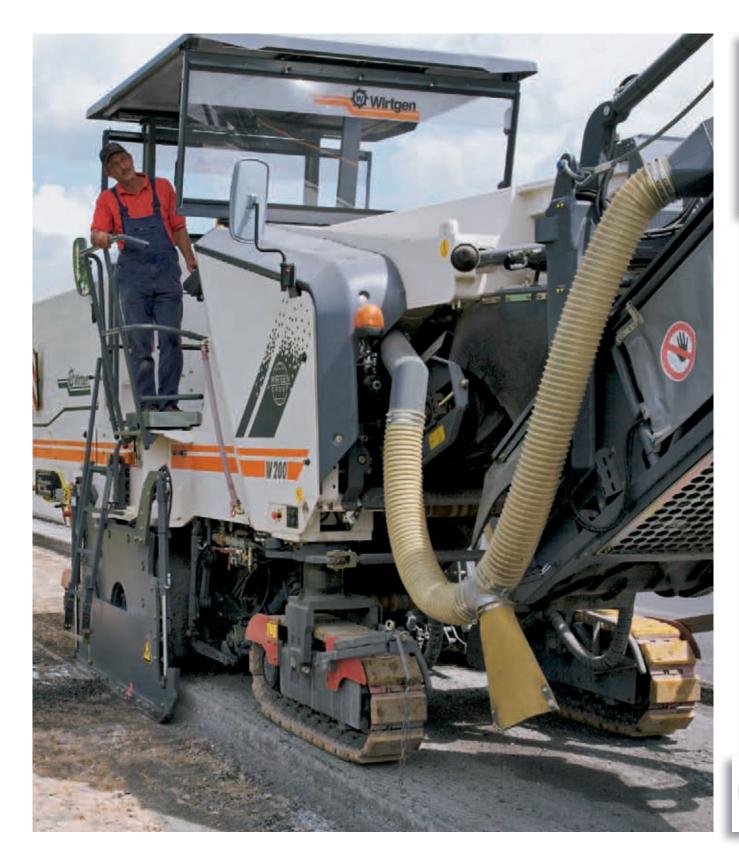
ORIGINAL WIRTGEN LEVEL PRO RETROFIT KITS

Machine type	Model	Series range	Retrofit kit control unit	Retrofit kit LEVEL PRO external/internal	Part No.
W 1000 F, W 1200 F, W 1300 F	06.10	0001 - 9999		Retrofit kit external *,**	On request
W 1000 F, W 1200 F,	07.10	0001 - 0814		Retrofit kit external *,**	On request
W 1300 F	07.10	0815 - 9999		Retrofit kit external **	On request
		0001 - 0211		Retrofit kit external *,**	2093518
W 1500, W 1900	08.20	0212 - 0331	2093512	Retrofit kit external **	2093518
W 1300, W 1900	00.20	0332 - 0456	2093312	Retrofit kit external	2093518
		0457 - 0524		Retrofit kit internal	2093509
	06.20	0001 - 0128		Retrofit kit external *	2106267
		0129 - 0519	2093512	Retrofit kit external *,**	2093514
W 2000		0520 - 0865		Retrofit kit external **	2093514
		0866 - 1072		Retrofit kit external	2093514
		1073 - 1134		Retrofit kit internal	2093509
		0001 - 0106		Retrofit kit external *,**	2093514
W 2100	09.21	0107 - 0259	2093512	Retrofit kit external **	2093514
		0260 - 0274		Retrofit kit internal	2093509
		0001 - 0159		Retrofit kit external *,**	2093514
W 2200	08.21	0160 - 0199	2093512	Retrofit kit external **	2093514
W 2200	00.21	0200 - 0362	2300012	Retrofit kit external	2093514
		0363 - 0399		Retrofit kit internal	2093509

 $[\]dot{}$ Slope sensor, liquid 157449 may have to be retrofitted $\dot{}$ Kit for CAN slope sensor 2094293 required additionally $\dot{}$ There may be functional limitations on the machine, in case of questions contact your local Wirtgen representative.







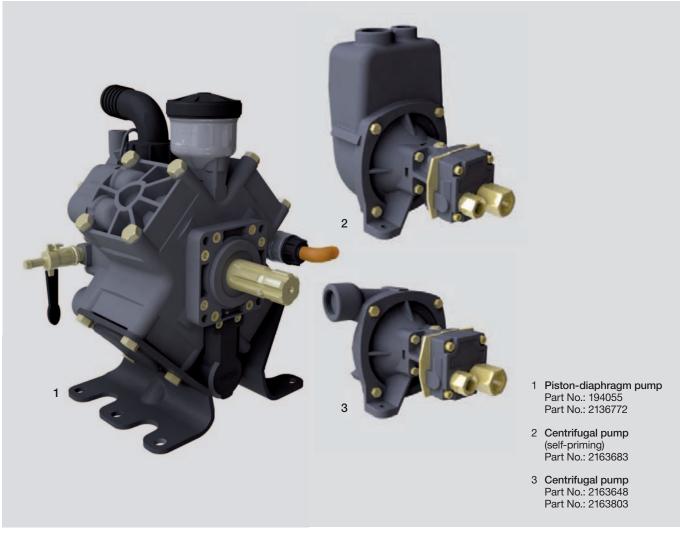


ORIGINAL WIRTGEN WATER PUMPS

The water system comes complete with pump, filter, supply lines and nozzles. It has been optimized specifically for sprinkling during cold milling.

The water system effectively reduces the generation of dust on the conveyor by thoroughly dampening it. In the drum housing, the water system cools the picks and improves their rotation, meaning that it is essential for assisting the milling process.







Machine type	Model	Series range	Water pump	Part No.	Sealing kits and repair kits	Part No.	
W 350, W 35, W 35 DC	02.03, 05.03, 04.03	0001 - 9999	with electric drive	2096380	Sealing kit for pump	48445	
W 500	V 500 06.05		with electric drive	43912	Sealing kit for pump	48445	
		0282 - 9999	with electric drive	2096380		40440	
W 50	08.05, 10.05	0001 - 9999	with electric drive	2096380	Sealing kit for pump	48445	
W 50 DC	09.05	0001 - 9999	with electric drive	2073216	Sealing kit for pump	15617	
		0001 - 0034	with electric drive	2073216			
W 600 DC, W 1000 L	07.05	0035 - 0515	with electric drive	112984	Sealing kit for pump	15617	
		0516 - 9999	with electric drive	2073216			
W 60, W 100, W 60i, W 100i,	09.10, 12.10	0001 - 9999	with electric drive	2073216	Sealing kit for pump	15617	
W 1000 F	06.10	0001 - 9999	with hydraulic drive	2163803	Sealing kit for pump	109757	
W 16661	00.10	0001 0000	with Hydraulio diffe	210000	Repair kit for motor	2163687	
W 1000 F, W 1200 F,	07.10	0001 - 9999	with hydraulic drive	2163803	Sealing kit for pump	109757	
W 1300 F	07.10	0001 3333	with Hydraulic drive	2100000	Repair kit for motor	2163687	
W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W 130 Fi	08.10, 13.10	0001 - 9999	with hydraulic drive	2163683	Sealing kit for pump	109757	
W 150, W 150i	05.13, 06.13	0001 - 9999	with hydraulic drive	2163683	Sealing kit for pump	109757	
W 1500,	08.20, 09.20,		with hydraulic drive	2163648	Sealing kit for pump	109757	
W 1900	10.20	3000		2.00010	Repair kit for motor	2163687	

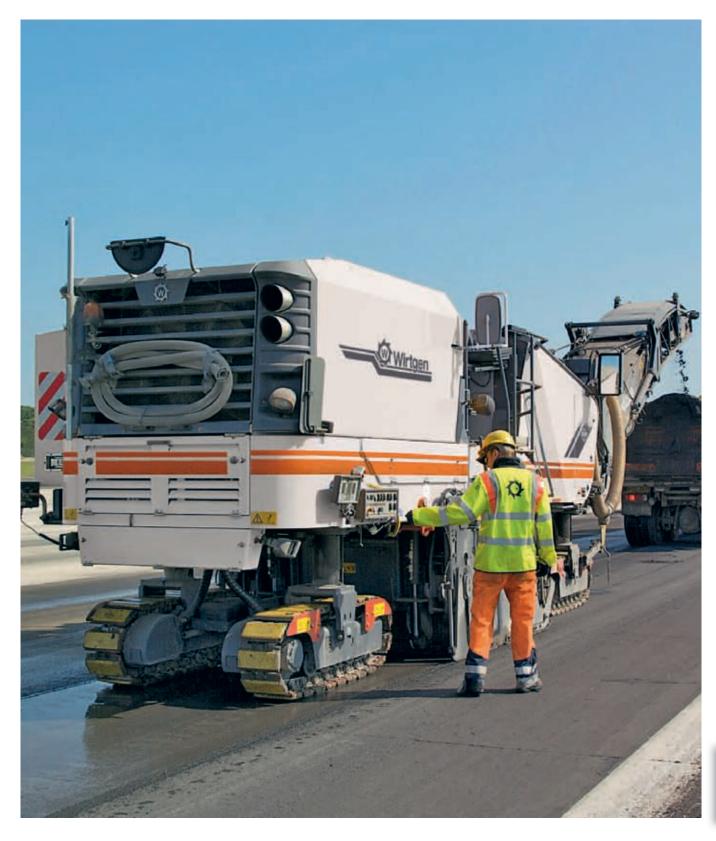


ORIGINAL WIRTGEN WATER PUMPS

Machine type	Model	Series range	Water pump	Part No.	Sealing kits and repair kits	Part No.
				Membrane for water pump	2052244	
W 200, W 200i,	12.20, 13.20,	0001 0000	with hydraulia driva	0106770	Valve for water pump	200089
W 210, W 210i	14.20, 15.20	0001 - 9999	with hydraulic drive	2136772	Safety valve for water pump	2095833
					Repair kit for motor	2048816
		0001 - 0210	with hydraulic drive	2163803	Repair kit for pump	2163687
W 2000	06.20,	0211 - 0774	with hydraulia driva	142023	Repair kit for pump	153824
VV 2000	11.20	0211-0774	with hydraulic drive	142023	Clutch pump / motor	178413
		0775 - 9999	with hydraulic drive	194055		
		0001 - 0140		20575	Sealing kit for pump	109757
2100 DC	03.21	1	with hydraulic drive	38575	Sealing kit for hydraulic motor	41060
2100 DC	03.21			0160000	Sealing kit for pump	109757
		0141 - 9999		2163803	Repair kit for motor	2163687
		0001 - 0219		142023	Sealing kit for pump	153824
W 2100	09.21		with hydraulic drive	142020	Clutch pump / motor	178413
		0220 - 9999		194055		
				2136772	Membrane for water pump	2052244
W 220	05.22	0001 - 9999	with hydraulic drive		Valve for water pump	200089
VV 220	05.22	0001 - 9999	with Hydraulic drive	2130/12	Safety valve for water pump	2095833
					Repair kit for motor	2048816
		0001 - 0059	with hydraulic drive	2163648	Repair kit for motor	2163687
W 2200	08.21	0060 - 0277	with hydraulic drive	142023	Repair kit for pump	153824
VV 2200	00.21	0000 - 0211	with hydraulic drive	142023	Clutch pump / motor	178413
		0278 - 9999	with hydraulic drive	194055		
					Sealing kit for pump	2052244
W 250,	04.22,	0001 - 9999	with hydraulic drive	2136772	Sealing kit for hydraulic motor	200089
W 250i	06.22		with Hydraulic drive	2100/12	Sealing kit for pump	2095833
					Repair kit for motor	2163687







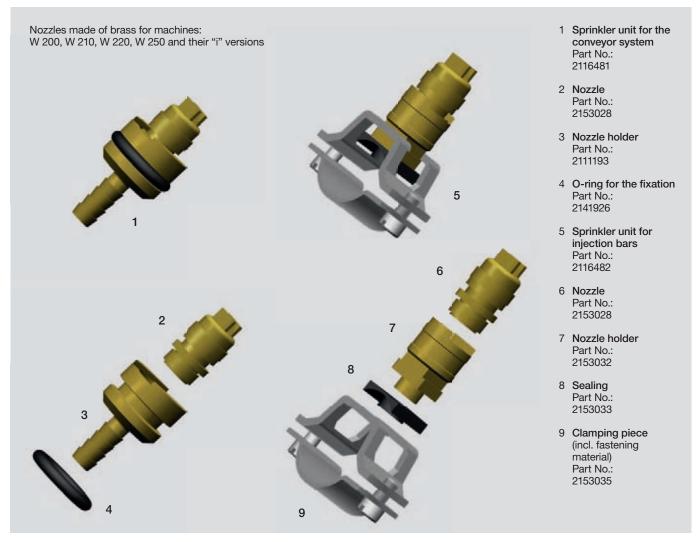


ORIGINAL WIRTGEN SPRINKLER NOZZLES



The different spray units at a variety of different locations on the road milling machine – such as on the bottom conveyor, in the transfer area from the bottom conveyor to the top one, or in the milling drum housing – ensure adequate and even distribution of a spraying mist that cleans all the components.

Apart from the cleaning effect that encourages rotation of the pick, the water supply in the milling drum housing also provides adequate cooling for the cutting tools. Important influences that guarantee the familiar high tool lives of the milling tools.





			Sprinkler system	drum unit	Sprinkler system conveyor		
Machine type	Model	Series range	Nozzle unit		Nozzle unit		
			Quantity	Part No.	Quantity	Part No.	
W 200, W 210, W 200i, W 210i (FB 1500)	12.20, 13.20, 14.20, 15.20	0001 - 9999	24	2116482	4	2116481	
W 200, W 210, W 200i, W 210i (FB 2000)	12.20, 13.20, 14.20, 15.20	0001 - 9999	34	2116482	4	2116481	
W 200, W 210, W 200i, W 210i (FB 2200)	12.20, 13.20, 14.20, 15.20	0001 - 9999	36	2116482	4	2116481	
W 220	05.22	0001 - 9999	36	2116482	4	2116481	
W 250 (FB 2200), W 250i (FB 2200)	04.22	0001 - 9999	36	2116482	4	2116481	

		Sprinklei	system c	Sprinkler system conveyor						
Machine type	Model	Series range	Nozzle unit		Single nozzles		Valve for nozzle unit		Nozzle unit	
			Quantity	Part No.	Quantity	Part No.	Quantity	Part No.	Quantity	Part No.
W 35, W 35 DC	05.03, 04.03	0001 - 9999	3	71765	3	15827	3	74328		
W 350	02.03	0001 - 9999	2	72621	2	15827	2	74328		
W 500	06.05	0005 - 9999	4	8667	4	15827				
W 50, W 50 DC	08.05, 09.05	0001 - 9999	4	71765	4	15827				
W 50	10.05	0001 - 9999	4	71765	4	15827	4	74328		
W 600 DC	07.05	0001 - 9999	6	71765	6	15827	6	74328		
W 60	09.10	0001 - 9999	6	71765	6	15827	6	74328		
W 1000 I		0001 - 0003	8	71765	0	15007	0	74000		
W 1000 L 07.05	0004 - 9999	8	112127	8	15827	8	74328			



ORIGINAL WIRTGEN SPRINKLER NOZZLES

		Sprinkler system drum case						Sprinkler			
Machine type	Model	Series range	Nozzle unit		Single nozzles		Valve for nozzle unit		Nozzle unit		
			Quantity	Part No.	Quantity	Part No.	Quantity	Part No.	Quantity	Part No.	
W 100	09.10	0001 - 9999	9	71765	9	15827	9	74328			
W 1000 F, W 100 F, W100 Fi	06.10, 07.10, 08.10, 13.10	0001 - 9999	10	71765	10	15827	10	74328			
W 1200 F, W 1300 F, W 120 F, W 130 F, W 120 Fi, W 130 Fi	06.10, 07.10, 08.10, 13.10	0001 - 9999	12	71765	12	15827	12	74328			
W 150, W 150i	05.13, 06.13	0001 - 9999	28	71765	28	15827	28	74328	2	15827	
W 1500	08.20	0001 - 9999	12	71765	12	15827	12	74328	8	7537	
W 1900	08.20, 09.20, 10.20	0001 - 9999	16	71765	16	15827	16	74328	8	7537	
		0001 - 0111	16	71765	16	15827	16	74328			
W 2000	06.20, 11.20		0112 - 0210	16	71765	20	15827	20	74328	8	7537
				0211 - 9999	18	112127	22	111743	22	74328	
0100 00	00.01	0001 - 0117			13	38576			2	15827	
2100 DC	03.21	0118 - 9999			12	73217			3	15827	
W 2100 (FB 2000)	09.21	0001 - 9999	16	112127	16	111743	16	74328	8	111743	
W 2100 (FB 2100)	09.21	0001 - 9999	17	112127	17	111743	17	74328	8	111743	
Wasas	00.04	0001 - 0344 18	18	112127	10	44710	40	74000	0	444740	
W 2200	08.21	0345 - 9999	18	2073669	18	111743	18	74328	8	111743	

 $\label{eq:FB} FB = the \ width \ of \ milling \ drum \ in \ mm$





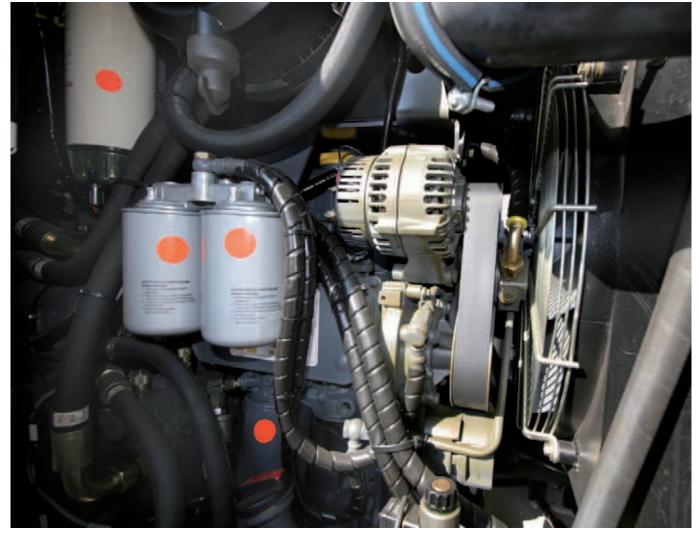


ORIGINAL WIRTGEN ENGINE ATTACHMENT PARTS

The engine is the central element in every machine; its reliable operation is absolutely essential for operation of the machine. Together with the attachments and the complete machine, the engines used in Wirtgen machines make up a complex system assuring generation of the required power density while simultaneously ensuring compliance with the highest environmental standards.

To preserve these properties in the long term, only high-grade parts should be used for servicing. Original Wirtgen parts guarantee that the individual components are compatible with one another and ensure permanent power generation through high quality.







Machine type Model		Series range	Diesel engine*	Starter	Solenoid
		0001 - 0153	66725	74318	74321
		0154 - 0345	86251		
W 350	02.03	0346 - 0426	124616	125139	178017
		0427 - 0594	124616	173682	
		0595 - 9999	175813	179901	192871
W 35	05.03	0001 - 0046	182121	179901	192871
		0047 - 9999	2070519		
W 35 DC	04.03	0001 - 0399	182105	179901	192871
		0400 - 9999	2102888		
W 500	06.05	0001 - 0903	47629	59796	69435
N/ 50	00.05	0904 - 9999	105064	470004	100071
W 50	08.05	0001 - 9999	169585	179901	192871
W 50	10.05	0001 - 0199	169585	179901	192871
		0200 - 9999	2106537	701.41	171000
W 50 DC	09.05	0001 - 0234	169584	79141	171032
	07.05	0235 - 9999	2062194	79141	
W 600 DC, W 1000 L	07.05, 11.05	0001 - 0515	93736	79141	79142
VV 1000 L	11.05	0516 - 9999	166643		
W 1000	05.10	0001 - 0286	69065	77605	76904
W 1000		0287 - 0577	92754	160100	
W 60, W 100	09.10	0578 - 9999 0001 - 9999	155810 196471	162128 79141	
W 60i, W 100i	12.10	0001 - 9999	2171285	2277537	
W 1000 F, W 1200 F,	06.10	0001 - 9999	90050	79141	79142
W 1300 F	07.10	0001 0000	105000		
W 1000 F, W 1200 F,		0001 - 0329 0330 - 0559	125230 155237	79141	79142
W 1300 F		0560 - 9999	176460	79141	
W 100 F, W 120 F, W 130 F	08.10	0001 - 9999	189873	2056616	
W 100 Fi, W 120 Fi, W 130 Fi	13.10	0001 - 9999	2171338	**	
	00.00	0055 - 0223	139144		
W 1500, W 1900	08.20, 09.20,	0224 - 0331	177271	152955	
VV 1300, VV 1300	10.20			132333	
W 450		0332 - 9999	194630	0050010	
W 150	05.13	0001 - 9999	2060926	2056616	
W 150i	06.13	0001 - 9999	2185581	**	
W 200	12.20	0001 - 9999	2079712	2138801	
W 200i	14.20	0001 - 9999	2203310	2138801	
		0001 - 0202	112114		
W 2000	06.20,	0203 - 0865	148654	123808	
VV 2000	11.20	0866 - 9999	190692		
		0000 - 3333		0056610	
W 210	13.20	0001 - 9999	2092471	2056616	
(two diesel engines)			2092474	2138818	
W 210i	15.20	0001 - 9999	2171343	2056616	
(two diesel engines)	10.20	0001 0000	2171345	**	
,		0001 - 0282	37891		
2100 DC	03.21	0001 0202	0.00.	43124	72599

^{*} Original delivery status
** Part No. was not known as this document went to press



ORIGINAL WIRTGEN ENGINE ATTACHMENT PARTS

Machine type	Model	Series range	Diesel engine*	Starter	Solenoid
		0001 - 0008	138582	123808	
W 2100	09.21	0009 - 0129	148655		
		0130 - 9999	180041	192886	
W 220	05.22	0001 - 9999	2163674	192886	
		0001 - 0199	116816	40810	
W 2200	08.21	0200 - 0499	182140	40010	
		0500 - 9999	2080410	192886	
W 250	04.00	0001 0000	2117185	2056616	
(two diesel engines)	two diesel engines) 04.22	0001 - 9999	2099880	2138801	
W 250i		0001 0000	2217019	2056616	
(two diesel engines)	06.22	0001 - 9999	2217020	2138801	
WD 2000	03.WR	0001 - 0174	166999	181865	
WR 2000	U3.VVH	0175 - 9999	2051050	101000	
WR 2400	05.WR	0001 - 9999	184586	152955	
WR 240	07.WR	0001 - 9999	2173157	2138801	
WR 240i	10.WR	0001 - 9999	2215241	2138801	
WD 0500	01.WR	0001 - 0041	37891	40404	70500
WR 2500	UI.WK	0042 - 9999	86344	43124	72599
WD 0500 C	04 WD	0001 - 0350	152323	43124	
WR 2500 S	04.WR	0351 - 9999	2100034	2129293	
WR 250	08.WR	0001 - 9999	2205192	192886	

^{*} Original delivery status

Machine type	Model	Series range	Alternator	V-belts	
		0001 - 0153	74317		
		0154 - 0345			
W 350	02.03	0346 - 0426		74319	
		0427 - 0594			
		0595 - 9999	187670		
W 35	05.03	0001 - 9999	182238	78146	
W 35 DC	04.03	0001 - 0399	182238	78146 (2x)	
W 33 DC	04.03	0400 - 9999	182238	78146 (2x), 145041	
W 500	06.05	0001 - 9999	56846	58481	
W 50	08.05	0001 - 9999	130869	74319	
W 50	10.05	0001 - 9999	130869	74319	
W 50 DC	09.05	0001 - 0234 0235 - 9999	173968		
W 50 DC			11,9900		
W 600 DC, W 1000 L	07.05, 11.05	0001 - 0515	78331	Alternator: 78147 Fan: 131543 Water-/diesel pump: 148428	
		0516 - 9999	78331	Alternator: 182110 Fan: 182112 Water-/diesel pump: 182189	





Machine type	Model	Series range	Alternator	V-belts
		0001 - 0286	77604	Alternator/fan: 76903
W 1000	05.10	0287 - 0577	77004	Water pump: 76902
W 1000	05.10	0578 - 9999	162129	Alternator/fan: 162120 Water pump: 162119
W 60, W 100	09.10	0001 - 9999	164968	2064575
W 60i, W 100i	12.10	0001 - 9999	2277532	2221082
W 1000 F, W 1200 F, W 1300 F	06.10	0001 - 9999	130869	Alternator: 78147 Fan: 98376 Water-/diesel pump: 148428
W 1000 F		0001 - 0329	70004	Alternator, 701.47
W 1000 F, W 1200 F,	07.10	0330 - 0559	78331	Alternator: 78147 Fan: 131543
W 1300 F		0560 - 9999	182687	Water-/diesel pump: 148428
W 100 F, W 120 F, W 130 F	08.10	0001 - 9999	2056612	2056620
W 100 Fi, W 120 Fi, W 130 Fi	13.10	0001 - 9999	*	2056620
	08.20, 09.20,	0055 - 0223	162678	145048
W 1500, W 1900		0224 - 0331	102070	143040
	10.20	0332 - 9999	162678	2045711
W 150	05.13	0001 - 9999	2056612	2056620
W 150i	06.13	0001 - 9999	*	2056620
				Water pump/fan: 2184266
W 200	12.20	0001 - 9999	129553	Alternator: 2171393
				Alternator: 2178133 (with air-conditioning compressor)
W 200i	14.20	0001 - 9999	2264863	To generator: 2276066
VV 2001	14.20	0001 3333	2204000	To water pump: 2276069
		0001 - 0202	18631	Alternator: 92101
W 2000	06.20, 11.20	0203 - 0865	10001	Intermediate drive alternator: 5552
		0866 - 9999	18631	192894
W 210	13.20	0001 - 9999	2056612	2056620
(two diesel engines)	.5.20	300. 0000	2056612	2056620
W 210i	15.20	0001 - 9999	2056612	*
(two diesel engines)	13.20	3301 3300	2056612	*

 $[\]ensuremath{^{\star}}$ Part No. was not known as this document went to press



ORIGINAL WIRTGEN ENGINE ATTACHMENT PARTS

Machine type	Model	Series range	Alternator	V-belts	
		0001 - 0282	40621	40417	
2100 DC	03.21	0283 - 9999	40621	Alternator/water pump: 40417 Water pump super charger cooler: 92101	
W 2100	09.21	0001 - 0008 0009 - 0129	18631	Alternator: 92101 Intermediate drive alternator: 5552	
		0130 - 9999	18631	192894	
W 220	05.22	0001 - 9999	2161580	2219163	
W 2200	08.21	0001 - 0199 0200 - 0499	129553	Alternator: 5561 Compressor: 5546	
W 2200	00.21	0500 - 9999	2161580	Alternator: 2096363 Compressor: 5544	
			2056612	2056620	
W 250	04.00	0001 0000	129553	Water pump/fan: 2184266	
(two diesel engines)	04.22	0001 - 9999		Alternator: 2171393 or:	
				Alternator: 2178133 (with air-conditioning compressor)	
			*	*	
W 250i (two diesel engines)	06.22	0001 - 9999	2264863	To generator: 2276066	
, ,				To water pump: 2276069	
		0001 - 0145	181864	181866	
WR 2000	03.WR	03.WR	0146 - 0349	181864	2065274
		0350 - 9999	181864	2168804	
		0001 - 0035	162678	2045711	
WR 2400	05.WR	0036 - 0226	162678	2065247	
		0227 - 9999	162678	2045711	
WR 240	07.WR	0001 - 9999	129553	To generator: 2171339	
VVI 240	O7.VVII	0001 - 9999	123330	To water pump: 2184266	
WR 240i	10.WR	0001 - 9999	2264863	To generator: 2276066	
VVI 2401	10.7711	0001 0000	2204000	To water pump: *	
		0001 - 0041	40621	40417	
WR 2500	01.WR	0042 - 9999	40621	Alternator/water pump: 40417 Water pump super charger cooler: 92101	
WD 0500 0	04 WP	0001 - 0350	163905	40417	
WR 2500 S	04.WR	0351 - 9999	2128311	2121298	
WR250	08.WR	0001 - 9999	2161580	*	

^{*} Part No. was not known as this document went to press







ORIGINAL WIRTGEN CAB AND CHASSIS COMPONENTS

Latch closings

Doors, flaps, hatches: every machine has numerous covers which must remain durably and reliably closed even when subjected to vibrations.

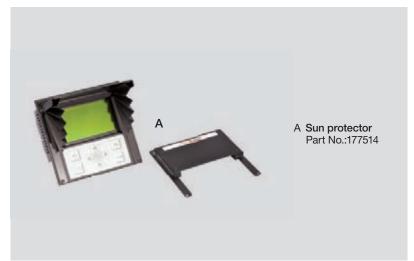
The latch closings used for this purpose in Wirtgen machines can be universally used in all locks and are available as right-hand and left-hand versions.



Sun protector

The display on the console provides the machine operator with comprehensive information for assessing the milling process. This information is difficult to read in intense sunlight.

To improve legibility in such cases, a sun protector can easily be retrofitted or replaced without difficulty if damaged. It can be used on all machines with CGC display.









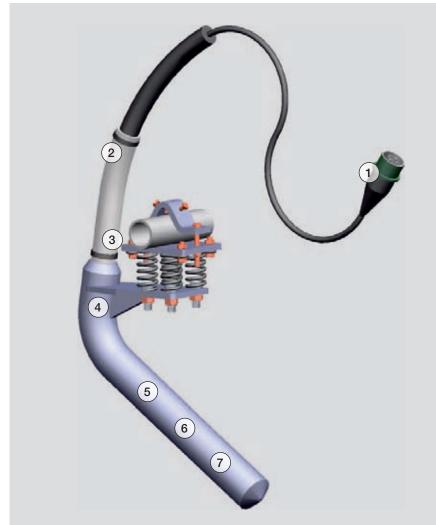
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ORIGINAL WIRTGEN VIBRATORS

Wirtgen Slipform Pavers cover a variety of applications for high-quality offset slipforming and roadway paving, all of which centre on the compaction of concrete. The structural design and model features of the Wirtgen vibrators used for compaction are adapted to the various applications and optimised with regard to form and function.

Their most outstanding feature is maximum compaction combined with maximum reliability. Other characteristics include durability, high efficiency and long service life, which enable economical use.





- 1 Shock proved plug which is unbreakable even at low temperatures
- 2 An additional smooth protection hose prevents concrete sticking
- 3 Changed geometry of the inner vibrator prevents the protection hose rubbing against its own suspension
- 4 Completely casted connections for protection against mechanical damage, improved insulation safety and better heat rejection
- 5 High efficiency by using high quality 3-phase asynchronous motors
- 6 Bigger effective diameter and higher compaction performance due to increased unbalance
- 7 Long life due to special roller bearings





Offset applications

For offset pavement, which usually involves the paving of a profile, the mould is located alongside of the actual machine.

During offset paving, the vibrators are positioned directly in the moulds and arranged such that the concrete is evenly distributed and compacted even in small or complex moulds. Straight vibrators are generally used in the offset process. The number and arrangement of the vibrators depends on the shape of the profile and the volume of concrete placed.



Road pavement

When it comes to road pavement, curved vibrators are usually used, which are submerged in the concrete in front of the slipform pan. The vibrators are distributed across the paving width in such a way that optimum compaction is achieved.

In the case of two-layer paving, "T-vibrators" are used to compact the second layer. For other applications, e.g. profiled surfaces, the various vibrators can be flexibly combined to ensure the best possible results for concrete paving.

Vibrator electric				
Application	Description	Part No.		
Offset application	Vibrator D66 straight	180705		
	Vibrator D66 bent	145963		
Road pavement 1. layer	Vibrator D66 bent	145963		
	Vibrator D76 bent	145961		
	Vibrator D76 horizontal (T-Vibrator) with 4,0 kN	180706		
Road pavement 2. layer	Vibrator D76 horizontal (T-Vibrator) with 5,6 kN	2076215		
	Vibrator D76 horizontal (T-Vibrator) with 7,2 kN	2063738		

Vibrator hydraulic				
Application	Description	Part No.		
Offset application	Vibrator straight (hydraulic)	75721		
Onset application	Vibrator bent (hydraulic)	75722		
Road pavement	Vibrator bent (hydraulic)	75722		

WWirtgen

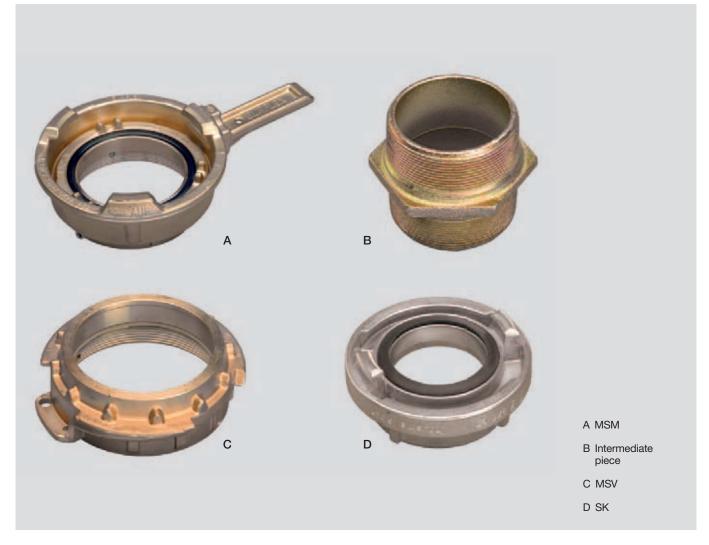
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ORIGINAL WIRTGEN CONNECTING ELEMENTS FOR COLD RECYCLERS

The original Wirtgen connecting elements are compatible with all Wirtgen recyclers, and therefore guarantee easy and quick installation. This produces the maximum operating safety, since all components carrying fluid bonding agents must be able to withstand high throughflow quantities and also great thermal stresses, particularly in the case of hot bitumen.

With the aid of the adapter kits, this always offers the opportunity of finding an adequate connection even in the case of different clutches and special options respectively.







Reliable operation (machine availability and work safety) is imperative on working with binders – particularly hot bitumen. To meet this requirements, we use couplings (MSV, MSM and SK) specially designed for our machines. These couplings are manufactured in varying diameters and can therefore be matched to the capacity of our Wirtgen machines as required by the customer.

In some applications, intermediate pieces such as reducers or adapters must be fitted due to the design of the tank truck to ensure safety and to ensure the project runs smoothly with the available equipment.

Clutches for self-assembly						
Clutches	2" Part No.	3" Part No.	4" Part No.	Remark		
MSV	51529	51530	93679	with internal thread		
MSM	84214	51531	93680	with internal thread		
SK	13001	13004	84382	with internal thread		

Intermediate pieces					
Size (inches)	Part No.	Remark			
2 on 3	2138702	with external thread			
3 on 3	27844	with external thread			
3 on 4	2138699	with external thread			
4 on 4	93819	with external thread			





ORIGINAL WIRTGEN CONNECTING ELEMENTS FOR COLD RECYCLERS

Depending on the conditions on the construction site, different connections on pump truck and tank truck can require a different connection from the tank vehicle or suspension mixer (see p. 192) to the recycler. To ensure continuous availability and the highest flexibility on the construction site, adapter and connector kits are assembled based on experience. Due to large variety of possible requirements these kits comprise individual parts so the necessary adapter or connector can be assembled by the customer.

The "basic connector kit" makes it possible to connect "MS system" binder hoses or binder connections of different diameters as well as of the same diameter, and to extend as required using combinations.

Basic adapter kit*	Part No.: 2143002	
Description	Ø (inch)	Quantity
MSV	4	1x
MSV	3	1x
SK	3	1x
SK	4	1x
MSM	3	1x
MSM	4	1x
Intermediate piece	3 on 3	1x
Intermediate piece	3 on 4	1x
Intermediate piece	4 on 4	1x

Basic connector kit between bonding agent hoses*	Part No.: 2143005		
Description	Ø (inch)	Quantity	
MSV	3	2x	
MSV	4	2x	
Intermediate piece	3 on 3	1x	
Intermediate piece	3 on 4	1x	
Intermediate piece	4 on 4	1x	

^{*} Items in kit, delivered as single parts, for self-installation





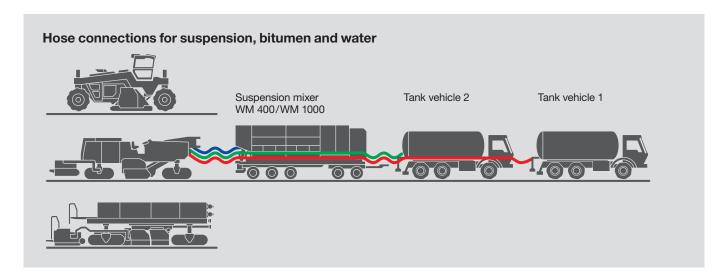




ORIGINAL WIRTGEN CONNECTIONS AND HOSE SYSTEM FOR COLD RECYCLERS

To operate a Wirtgen recycler reliably on the construction site, the connections on Wirtgen machines (MSV) must be connected to the tank vehicle or to the binder tank on the suspension mixer with the necessary MSM coupling without any leaks.

The connections on the Wirtgen binder systems vary depending in diameter on the size and design of the related Wirtgen recycler. As a consequence, a kit must be assembled to suit the specific conditions on the construction site.



Machine connections of the machines (MSV)						
Machine type	Water (inch)	Emulsion (inch)	Hot bitumen (inch)	Suspension (inch)	1800 L (inch)	
WR 2000	3	3	4		4	
WR 2400	3	3	4		4	
WR 240 / WR 240i	3	3	4	3	4	
WR 2500 S	4	4	4	3	4	
WR 250	3	3	4	3	4	
WR 4200	4	4	4	2		
2200 CR	4	4	4	2		
WM 1000	3 (bushing) SK 3 (water tank)	3 (bushing)	4 (bushing; optional)	3 (outlet)		
KMA 200, KMA 220	SK 3 (water tank)	3	3			

 $\mathsf{SK} = \mathsf{Hose} \ \mathsf{coupling}$





Depending on the length of the tank truck, pre-assembled binder hoses will be adequate. Should the required length of hose not be available for the related recycler rig, as an option it is possible to procure binder hoses by the metre from Wirtgen (without couplings fitted, for self-installation).

During the selection of the hoses, the diameter is to be taken into account along with the length; the diameter can vary depending on the type of recycler.

Hose overview: MSM clutches on both sides							
For use with	Ø (inch)	Length (m)	Part No.	Remark			
Hot bitumen, emulsion, water	4	4	107812	unheated			
Hot bitumen, emulsion, water	4	8	136591	unheated			
Hot bitumen, emulsion, water	4	20	108689	unheated			
Hot bitumen, emulsion, water	3	6	162915	heated			
Hot bitumen, emulsion, water	3	6	162914	unheated			
Suspension, water	3	5	104482	unheated			
Suspension, water	3	1.6	114285	unheated			
Water	3	4	2142840	unheated			
Water	3	8	2142841	unheated			

Hose for cut lengt	hs (without clutches)		MSM kit	Remark	
For use with	Ø (inch)	Length (m)	Part No.	for clutches	nemark
Hot bitumen	4	can be freely selected*	2142850	2142976	unheated
Water	3	can be freely selected*	2142849	2142978	unheated
Water	4	can be freely selected*	2146708	2142976	unheated

^{*} The desired hose length must be specified in the order.





ORIGINAL WIRTGEN ELECTRICAL SERVICE PACKAGES

Electrical service package for machine operators

Minor faults in the electrical system, such as blown fuses or failed relays, can seriously impede work on a job site. The electrical service package for machine operators is a handy case with all the tools and parts required to get a machine up and running again on site without wasting a lot of time and effort.

The service package contains a variety of electrical parts, such as relays, fuses, valve connectors, auxiliary switches and front elements.



Machine type	Model	Series range	Part No.
W 350, W 350 E	02.03, 03.03	0001 - 9999	147320
W 35, W 35 DC	05.03, 04.03	0001 - 9999	148616
W 500	05.05, 06.05	0001 - 9999	147320
W 50, W 50 DC	10.05, 09.05	0001 - 9999	148616
W 1000	05.10	0001 - 0577	147320
W 1000	05.10	0578 - 9999	148616
W 60, W 100, W 60i, W 100i	09.10, 12.10	0001 - 9999	148616
W 1000 F W 1000 F W 1200 F	06 10 07 10	0001 - 0164	147320
W 1000 F, W 1200 F, W 1300 F	06.10, 07.10	0165 - 9999	148616
W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W 130 Fi	08.10, 13.10	0001 - 9999	148616
W 150, W 150i	05.13, 06.13	0001 - 9999	148616
1300 - 2000 DC	05.20	0001 - 9999	147320
W 1500, W 1900	08.20	0001 - 9999	148616
W 200, W 200i	12.20, 14.20	0001 - 9999	2143521
W 2000	06.00	0001 - 0215	147320
W 2000	06.20	0216 - 9999	148616
W 210, W 210i	13.20, 15.20	0001 - 9999	2143521
W 2100	09.21	0001 - 0011	147320
W 2100	09.21	0012 - 9999	148616
W 220	05.22	0001 - 9999	2143521
W 2200	08.21	0001 - 0059	147320
VV 2200	00.21	0060 - 9999	148616
W 250	04.22	0001 - 9999	2143521
WR 2000	03.WR	0001 - 9999	148616
WR 2400	05.WR	0001 - 9999	148616
WR 2500	01.WR	0001 - 9999	147320
WR 2500 S	04.WR	0001 - 9999	148616







Electrical service package for workshop staff

The rough use of Wirtgen milling machines, frequently under difficult conditions, makes routine maintenance of the electrical system necessary in order to ensure availability of a machine at all times.

The electrical service package for workshop staff contains the most common and essential hardware for servicing a machine, all neatly arranged in a case: relays, blade-type fuses, wire end sleeves, flat plugs, proximity switches, auxiliary switches, front elements and much more.

Machine type	Model	Series range	Part No.
W 350, W 350 E	02.03, 03.03	0001 - 9999	2174835
W 35, W 35 DC	05.03, 04.03	0001 - 9999	2174832
W 500	05.05, 06.05	0001 - 9999	2174835
W 50, W 50 DC	10.05, 09.05	0001 - 9999	2174832
W 1000	05.10	0001 - 0577	2174835
W 1000	05.10	0578 - 9999	2174832
W 60, W 100, W 60i, W 100i	09.10, 12.10	0001 - 9999	2174832
W 1000 F, W 1200 F,	06.10, 07.10	0001 - 0164	2174835
W 1300 F	00.10, 07.10	0165 - 9999	2174832
W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W 130 Fi	08.10, 13.10	0001 - 9999	2174832
W 150, W 150i	05.13, 06.13	0001 - 9999	2174832
1300 - 2000 DC	05.20	0001 - 9999	2174835
W 1500, W 1900	08.20	0001 - 9999	2174832
W 2000	06.20	0001 - 0215	2174835
W 2000	06.20	0216 - 9999	2174832
W 2100	00.01	0001 - 0011	2174835
W 2100	09.21	0012 - 9999	2174832
W 2200	08.21	0001 - 0059	2174835
W 2200	06.21	0060 - 9999	2174832
WR 2000	03.WR	0001 - 9999	2174832
WR 2400	05.WR	0001 - 9999	2174832
WR 2500	01.WR	0001 - 9999	2174835
WR 2500 S	04.WR	0001 - 9999	2174832





ORIGINAL WIRTGEN EMERGENCY KITS



Downtimes on site cost a lot of money. To minimize the downtimes caused by unforeseen repairs, Wirtgen has put together an emergency kit for electrical components for all machines.

The kit's contents make it possible to solve problems rapidly, directly on site, with the parts on board and thus save money. The most important replacement parts are always available when needed because the kits are individually compiled for each machine. The kit is supplied in a handy case and can be stowed away in the machine's storage compartment.



Machine type	Model	Series range	Part No.
W4000	05.40	0001 - 0577	200015
W 1000	05.10	0578 - 9999	200016
W 60, W 100, W 60i, W 100i	09.10, 12.10	0001 - 9999	2091528
W 1000 F	06.10	0001 - 9999	194195
W 1000 F, W 1200 F,	07.10	0001 - 0329	194195
W 1300 F	07.10	0330 - 9999	200017
W 100 F, W 120 F, W 130 F, W 100 Fi, W 120 Fi, W 130 Fi	08.10, 13.10	0001 - 9999	2061025
W 150, W 150i	05.13, 06.13	0001 - 9999	2061025
1300 - 2000 DC	05.20	0001 - 9999	194190
W 1500, W 1900	08.20	0001 - 9999	194189
W 200, W 200i	12.20, 14.20	0001 - 9999	2143541
W 2000	06.20	0001 - 9999	194188
W 210, W 210i	13.20, 15.20	0001 - 9999	2143541
W 2100	09.21	0001 - 9999	194188
W 220	05.22	0001 - 9999	2143541
W 2200	08.21	0001 - 9999	194188
W 250	04.22	0001 - 9999	2143541
WR 2000	03.WR	0001 - 0124	200019
Wh 2000	03.VVN	0125 - 9999	2061021
WR 2400	05.WR	0001 - 9999	2061021
WR 2500	01.WR	0001 - 9999	194192
WR 2500 S	04.WR	0001 - 9999	200020

ORIGINAL WIRTGEN SAFETY EQUIPMENT

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Wirtgen machines conform to the highest European and international safety standards. To maintain this prescribed level of safety on a permanent basis, individual pieces of safety equipment must be complete and fully functional, even when subjected to extensive use.

If their operation is impaired, for example because of damage, the corresponding parts must be replaced.



ORIGINAL WIRTGEN HALOGEN WORK LIGHTS



Work is performed round-the-clock on a lot of job sites, and many types of work can only be done at night. Optimum illumination of the site is essential for such tasks. To meet these demands, Wirtgen offers an extensive range of work lights that can be used flexibly for a variety of jobs. The lamps can be mounted in existing fixtures at various points on a machine, or entirely as needed at other spots. The lamps are easy to disassemble and store to prevent vandalism and theft.

spiral cable

Part No.: 177838

with 2-polar plug

Part No.: 2145206 with 3-polar plug



H Large work light with

fastening bracket,

Part No.: 37013

spiral cable and plug



cable and plug

Part No.: 31926

ORIGINAL WIRTGEN XENON WORK LIGHTS AND LED LIGHTS

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Xenon work lights are particularly suitable for demanding lighting situations. The ultramodern Xenon lamps are very bright, providing ideal illumination of a construction site.

The mounting options and connections are fully compatible with the conventional work light system.



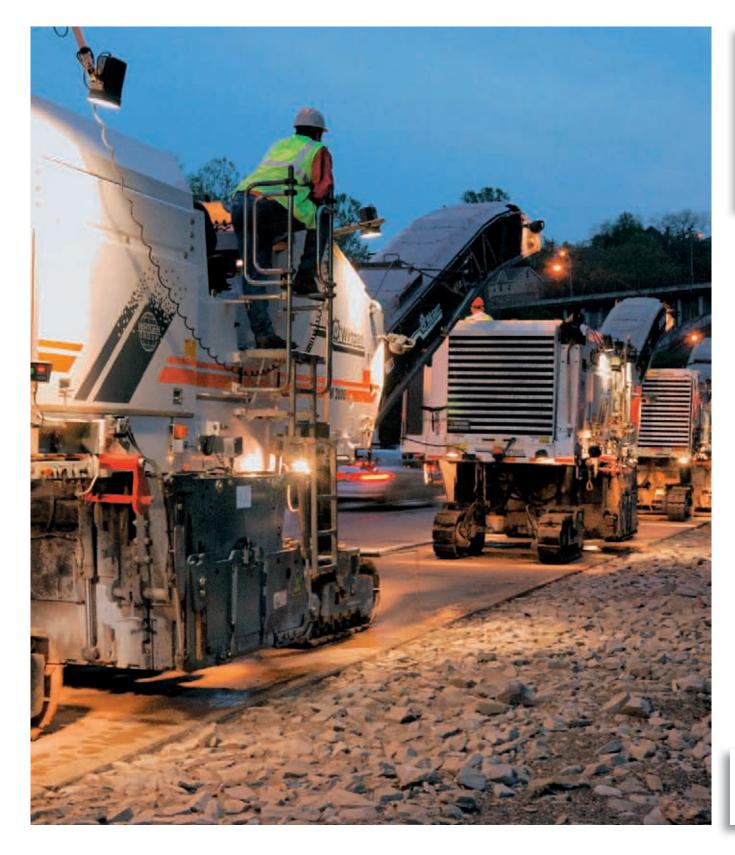
ORIGINAL WIRTGEN LIGHT BALLOONS

For better illumination of the construction site on the usage of the current large milling machine generation, Wirtgen offers light balloons of varying luminous intensity depending on the generator type and power output (see below). As a result construction sites can be made clearer and safer at night.



Generator type Part No.	Generator type	Light balloon Part no.	Light balloon type (Power consumption)
2117336	4.1 kVA / 110 V with hydraulic motor (socket outlet 16 A CEE)	2139027	110 V / 1.5 kW (3 x 500 W)
2180806	4.1 kVA / 110 V with hydraulic motor (socket outlet 32 A CEE)	2180804	110 V / 2 kW (4 x 500 W)
2117335	4.1 kVA / 230 V with hydraulic motor (Power outlet with earthing contact with bayonet ring [IP68])	2180841	230 V / 2 kW (4 x 500 W)





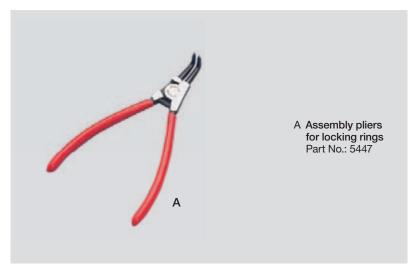


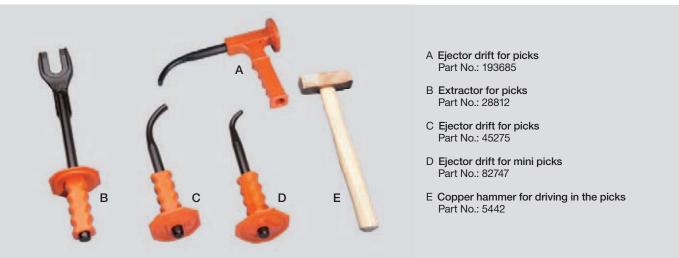
ORIGINAL WIRTGEN TOOLS FOR CHANGING PICKS

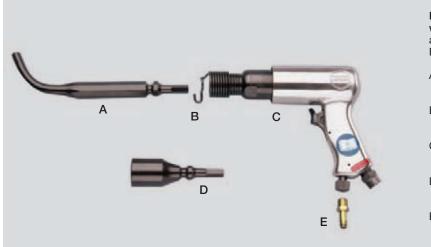
Rapid replacement of picks

Changing picks leads to machine downtime. To minimise downtime, easy access to the milling drum is ensured on all Wirtgen machines. Wirtgen offers suitable tools for removing the worn picks and fitting the new milling tools.

Assembly tools for Surface Miner picks Special pliers are available from Wirtgen for mounting and dismounting the locking rings.







Pneumatic hammer set with driver and ejector drift accessories included (not shown) Part No.: 60604

- A Pneumatic ejector drift for picks Part No.: 84252
- B Retaining spring for drive tool Part No.: 53035
- C Pneumatic hammer Part No.: 11512
- D Pneumatic driver for picks Part No.: 84251
- E Spout (D12-R1/4) Part No.: 11282







Hydraulic pick ejector drifts

Picks must be regularly replaced depending on the specific operating conditions on the construction site. This maintenance work causes downtimes. By using a hydraulic rotary pick ejector drift, these times can be considerably reduced. This tool can only be used with the holder system HT11-R Ø20, as this has the geometry needed.

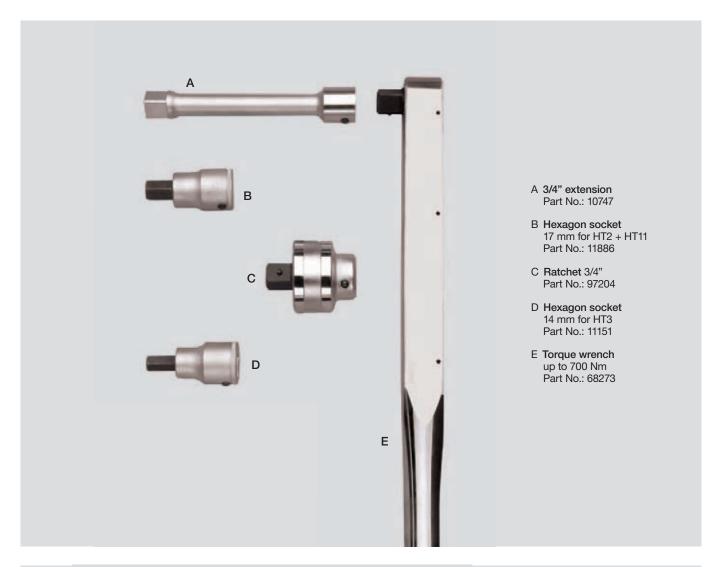
The hydraulic pick ejector drift can be retrofitted on large milling machines. It has additional functions that – if fitted – can activate the drum rotating device.

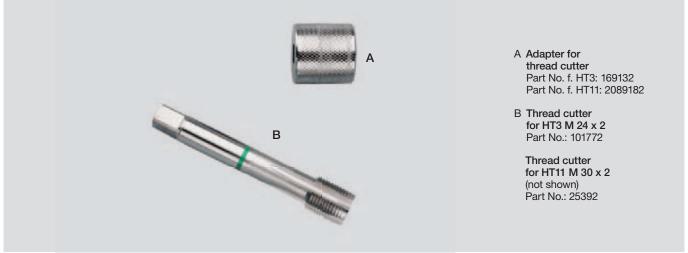
Description	Part No.
Hydraulically operated pick ejector drift	2137352
Upgrade kit (machine-side) for hydraulic pick ejector drift W 150	2166908
Upgrade kit (machine-side) for hydraulic pick ejector drift W 1500 / W 1900	2166905
Upgrade kit (machine-side) for hydraulic pick ejector drift W 2000	2166907
Upgrade kit (machine-side) for hydraulic pick ejector drift W 2100	2166906
Upgrade kit (machine-side) for hydraulic pick ejector drift W 2200	2166904



ORIGINAL WIRTGEN TOOLS FOR THE MAINTENANCE OF TOOLHOLDERS





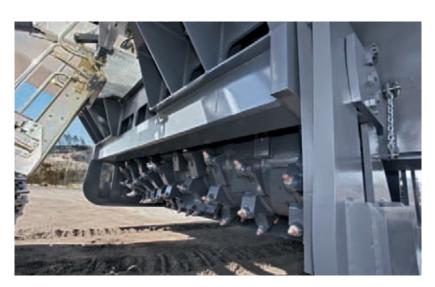


ORIGINAL WIRTGEN ASSEMBLY TOOLS FOR HT15 QUICK-CHANGE TOOLHOLDER SYSTEM



The original Wirtgen assembly tools for the HT15 quick-change toolholder system are suitable for long-term use. Wrought hexagon socket is manufactured such that the required high torques for fastening the retainer screws can be transmitted.

The thread cutter for reworking threads has a cylindrical guide pin that eases positioning of the tool. As a result the risk of damaging the thread by positioning the tool incorrectly is minimised.





ORIGINAL WIRTGEN CENTRING BOLTS FOR MOUNTING FCS MILLING DRUMS





The centring bolts for FCS milling drums make it possible to quickly and straightforwardly change the milling drums. To adjust the milling drum with the aid of a carriage or fork lift truck on the gearbox, it is recommended to use two centring bolts.



ORIGINAL WIRTGEN PROFILE GAUGES







The profile gauges from Wirtgen help to determine the right time for replacing the original Wirtgen pick (see photo) and toolholder. A correct decision is imperative to ensure projects run smoothly and efficiently. Replacement at the right time not only guarantees a reduction in the downtimes, but also has a positive effect on the operating costs.

Using the pick profile gauges, it is also possible to measure the longitudinal wear on the holder systems HT3 and HT11, along with the wear on the picks.



Belt pulleys profile gauge Part No.: 2065403

The profile gauge for belt pulleys simplifies the estimation of the wear on the edges of the teeth. As a result it is possible to identify the need for replacement in good time. For this purpose it is first necessary to determine the diameter of the belt pulley. Then, using the dimensions stated on the profile gauge, the corresponding segment with the resulting "nominal" edge angle can be used to check the wear. If the section of the profile gauge with the "Smile" can be fitted in the power belt pulley without gaps, the pulley is in good condition. However, if the opposite part ("no smile" reject side) fits between the edges of the teeth, the pulley must be replaced. The gauge can be used for all belt pulleys with the exception of the belt pulleys for the W 200 and W 210.



ORIGINAL WIRTGEN TOOLS



Vacuum kit Part No. 95304

When working on the hydraulic system, it is important to prevent hydraulic fluid from escaping. Special precautionary measures should be taken particularly on a job site to comply with environmental regulations.

Using the vacuum kit can effectively help prevent excessive amounts of fluid from escaping when disconnecting a hydraulic hose or dismantling a valve.

Hydraulic test kit Part No. 12782

The hydraulic test kit contains a variety of tools required to carry out hydraulic pressure tests and perform adjustments and service work on Wirtgen machines. The main items include pressure gauges for different pressure ranges, hydraulic fittings and manometer adapters.

Other tools are also available, such as different double open-ended spanners, a set of metric hex wrenches with ball end, and a set of SAE hex wrenches. The kit is rounded out by sets of seals for several different valves, and O-rings in the most common sizes.





Crimping case complete Part No.: 2191384

The crimping case was specially developed for crimping Wirtgen Group connector and crimp contacts. Using the instructions enclosed, every technician is able to allocate the various connector or crimp contacts to the correct tool. As a result, reliable and durable connections without contact faults are made possible and transition resistances prevented. In addition, the case contains ejector tools for the Wirtgen Group connectors.

Electrical test kit Part No. 89900

The electrical test kit contains a variety of high-quality tools required to take electrical measurements and perform adjustments and service work on Wirtgen machines. The test kit's basic equipment includes a high-quality multimeter with an extensive set of accessories, such as instrument leads, test probes, clip-type probes and test adapters. These are supplemented by a wire stripper, a crimping tool for wire end sleeves, diagonal side cutters, needle-nose pliers and a set of screwdrivers.



ORIGINAL WIRTGEN BELT REPAIR SERVICE PACKAGES

Belt repair – cracks Part No.: 111850

The "belt repair – cracks" service package is the ideal solution for repairing frayed cracks or covering soft areas before they tear. The package includes all the tools and materials needed for instant repair of longitudinal cracks and cracked edges.

In addition to punches, bolt breakers, cutters and other material, the package also includes a large number of metal connectors to hold the belt together.



Belt repair – holes Part No.: 193618

Small and medium-sized holes can be repaired very simply with the "belt repair – holes" service package.

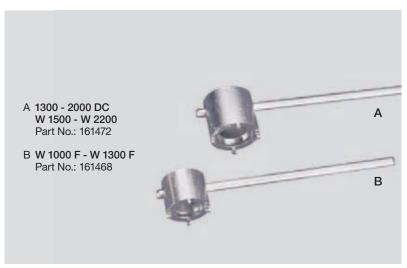
The package includes adhesive, hardener and lozenge-shaped patches of various sizes, as well as a round brush, a roller and a tool for roughening the surface.



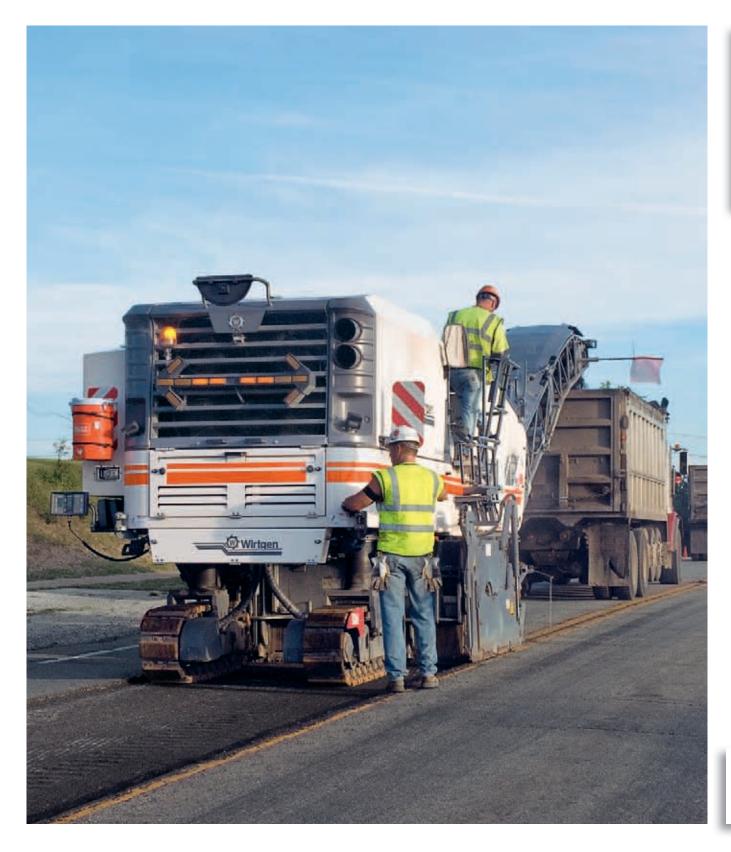
Spanners for slotted nuts on conveyor system

To secure the return roller of the conveyor unit in the correct axial position, the slotted round nuts with tensioner bushes are fixing the return roller.

For tightening and loosening the slotted round nuts without damaging them, the original Wirtgen spanners are required.









ORIGINAL WIRTGEN FILTER ELEMENTS

Wirtgen road milling machines, renowned for their high milling performance, are driven by modern diesel and hydraulic engines.

Provided they are regularly maintained, original Wirtgen filter elements form the basis for a high milling performance and long engine service life.

Wirtgen has also optimized the adaptation of lubricants and fuels to the requirements of the corresponding filter systems, also guaranteeing the requisite system purity and hence minimizing operating costs.







		el Description		Replacement interval							
Machine type Model	Series range		50h	250h, 750h, 1250h	500h, 1500h, 2500h	1000h, 2000h, 3000h	at least 1x p. a.	if nec- essary	Qty.	Part No.	
		Engine oil filter	0001 - 0594	Χ	Χ	Χ	Χ			1	10877
		Engine oil filter	0595 - 9999	Χ	Χ	Χ	Χ			1	251194
		Fuel filter	0001 - 9999	Χ	Χ	X	Χ			1	234567
W 350 02.03	02.03	Additional fuel filter	0595 - 9999	Χ	Χ	X	Χ			1	179862
V 330	02.03	Main air filter	0001 - 9999			X	Χ	Χ	X	1	35721
	Hydraulic oil filter	0001 - 9999	Χ		X	Χ	Χ	X	1	74332	
		Trydradio on mer	0001 - 9999	Χ		X	Χ	Χ	Χ	1	74334
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	5068
		Engine oil filter	0001 - 9999	Χ		X	Χ			1	251194
		Fuel filter	0001 - 9999	Χ		Χ	Χ			1	184822
		Preliminary fuel filter	0001 - 0037	Χ		X	Χ			1	179862
		Preliminary fuel filter	0038 - 9999	Χ		X	Χ			1	2044633
V 35	05.03	Main air filter	0001 0000			Χ	Χ	Χ	X	1	147170
	Safety air filter	0001 - 9999			Χ	Χ	Χ	X	1	147171	
		Hydraulic oil filter	0001 - 9999	X		X	X	X	X	1	74332
		E-111 1 1 1 1 CH	0004 0000	X		X	X	X	X	1	74334
		Filling and ventilation filter	0001 - 9999				X	X		1	5068
		Engine oil filter	0001 - 9999	X		X	X			1	251194
		Fuel filter	0001 - 9999	X		X	X			1	184822
		Preliminary fuel filter	0001 - 0165	X		X	X			1	179862
			0166 - 9999	X		X	X			1	2044633
V 35 DC	04.03	Main air filter	0001 - 9999			Χ	Χ	X	X	1	147170
		Safety air filter				Χ	Χ	Χ	X	1	147171
		Hydraulic oil filter	0001 - 9999	X		Χ	Χ	X	Χ	1	74332
			X		Χ	Χ	Χ	Χ	1	74334	
		Filling and ventilation filter	0001 - 9999				Χ	X		1	5068
		Engine oil filter	0005 - 9999		Χ	Χ	Χ			1	56561
		Fuel filter	0005 - 0903		Χ	Χ	Χ			1	1302191
		Preliminary fuel filter	0904 - 9999	X	Χ	Χ	Χ			2	1302191
		Main air filter	0005 - 0275			Χ	Χ	Χ	Χ	1	2299
			0276 - 9999			Χ	Χ	Χ	Χ	1	76494
V 500	06.05	Safety air filter	0005 - 0275			Χ	Χ	Χ	X	1	1942
			0276 - 9999			Χ	Χ	Χ	Χ	1	76495
		Hydraulic oil filter	0005 - 9999	Χ		Χ	Χ			1	30294
		, aradio on into	0000 0000	Χ		Χ	Χ			1	36519
		Additional hydraulic oil filter	0276 - 9999	X		Χ	Χ			1	80741
		Filling and ventilation filter	0005 - 9999				Χ	Χ		1	14171

 $\label{thm:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$



ORIGINAL WIRTGEN FILTER ELEMENTS

Machine type Mode				Replacement interval							
	Model	el Description	Series range	50h	250h, 750h, 1250h	500h, 1500h, 2500h	1000h, 2000h, 3000h	at least 1x p. a.	if nec- essary	Qty.	Part No.
		Engine oil filter	0001 - 9999	Χ		X	Χ			1	251194
		Fuel filter	0001 - 9999	Χ		X	Χ			1	184822
W 50 08.05	Preliminary fuel filter	0001 - 9999	Χ		Χ	Χ			1	179862	
	Main air filter	0001 0000			Χ	Χ	Χ	X	1	1209582	
	Safety air filter	0001 - 9999			Χ	Χ	Χ	X	1	1209612	
		Hydraulic oil filter	0001 - 9999	Χ		Χ	Χ	Χ	X	1	90200
		Filling and ventilation filter	0004 0000				Χ	Χ		1	5068
		Ventilation filter	0001 - 9999				Χ	Χ		1	179642
		Engine oil filter	0001 - 9999	Χ		Χ	Χ			1	251194
W 50 10.05		Fuel filter	0001 - 9999	Χ		Χ	Χ			1	184822
	5 11 1 6 1611	0001 - 0027	Χ		Χ	Χ			1	179862	
	Preliminary fuel filter	0028 - 9999	Χ		Χ	Χ			1	2044633	
	Main air filter				Χ	Χ	Χ	X	1	1209582	
	Safety air filter	0001 - 9999			Χ	Χ	Χ	X	1	1209612	
	Hydraulic oil filter	0001 - 9999	Х		Χ	Χ	Χ	X	1	90200	
	Filling and ventilation filter	0001 - 9999				Χ	Χ		1	5068	
	Ventilation filter					Χ	Χ		1	179642	
		Engine oil filter	0001 - 9999	Χ		Χ	Χ			1	234486
			0001 - 0234	X		X	Χ			2	1940
		Fuel filter	0235 - 9999	X		Χ	Χ			2	2043673
		Preliminary fuel filter	0001 - 9999	X		Χ	Χ			1	1292404
N 50 DC	09.05	Main air filter				Χ	Χ	Χ	X	1	1209590
		Safety air filter	0001 - 9999			Χ	Χ	Χ	X	1	1209620
		Hydraulic oil filter	0001 - 9999	X		Χ	Χ	Χ	X	1	90200
		Filling and ventilation filter					Χ	Χ		1	5068
		Ventilation filter	0001 - 9999				Χ	Χ		1	179642
		Engine oil filter	0001 - 9999	Χ		Χ	X			1	234486
			0001 - 0515			X	X			1	1213202
		Fuel filter	0516 - 9999			X	X			2	1940
		Preliminary fuel filter (mesh)	0001 - 0269			X	X			1	37785
N 600 DC		Preliminary fuel filter	0270 - 9999			X	X			1	122648
N 600 DC, N 1000 L	07.05	Main air filter	0001 - 9999			X	X	Χ	Χ	1	3181
		Safety air filter	0001 - 9999			X	X	X	X	1	34310
			0007 0000	X		X	X	X	X	1	74332
		Hydraulic oil filter	0001 - 9999	X		X	X	X	X	1	45452
		Filling and ventilation filter	0001 - 9999	,			X	X	,	1	5068

Due to possible technical changes, please always compare with the information in the instruction manual.





				Rep	laceme						
Machine type	Model	el Description	Series range	50h	250h, 750h, 1250h	500h, 1500h, 2500h	1000h, 2000h, 3000h	at least 1x p. a.	if nec- essary	Qty.	Part No.
		Engine oil filter	0001 - 9999	Χ	Χ	Χ	Χ			1	1880
	Fuel filter	0001 - 9999	Χ	Χ	Χ	Χ			1	77338	
	Additional final profiltor	0357 - 0577	Χ	Χ	Χ	Χ			1	110563	
	Additional fuel prefilter	0578 - 9999	Χ	Χ	Χ	Χ			1	119393	
		Main air filter	0001 - 0286			Χ	Χ	Χ	X	1	74320
			0287 - 0577			Χ	Χ	Χ	X	1	97824
W 1000 05.10		0578 - 9999			Χ	Χ	Χ	X	1	162084	
			0001 - 0286			Χ	Χ	Χ	X	1	77339
		Safety air filter	0287 - 0577			Χ	Χ	Χ	X	1	97825
		0578 - 9999			Χ	Χ	Χ	X	1	162085	
		Lludraulia ail filtar	0001 - 9999	Χ		Χ	Χ	Χ	X	1	74332
		Hydraulic oil filter	0001 - 9999	Χ		Χ	Χ	Χ	X	1	45452
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	5068
		Engine oil filter	0001 - 9999	Χ		Χ	Χ			1	234486
		Fuel filter	0001 - 9999	Χ		Χ	Χ			2	2043673
		Preliminary fuel filter	0001 - 9999	X		Χ	Χ			1	1292404
W 60,	00.10	Main air filter	0001 - 9999			Χ	Χ	Χ	X	1	1266748
W 100	09.10	Safety air filter				Χ	Χ	Χ	X	1	1266721
		Hydraulic oil filter	0001 - 9999	Χ		Χ	Χ	Χ	X	1	90200
		Filling and ventilation filter	0001 0000				Χ	Χ		1	5068
		Ventilation filter	0001 - 9999				Χ	Χ		1	179642
		Engine oil filter	0001 - 9999	Χ		Χ	Χ			1	234486
		Fuel filter	0001 0000	Χ		Χ	Χ			2	2043673
		Preliminary fuel filter	0001 - 9999	X		Χ	Χ			1	2248991
W 60i,	12.10	Main air filter	0001 0000			Χ	Χ	Χ	X	1	1266748
W 100i	12.10	Safety air filter	0001 - 9999			Χ	Χ	Χ	X	1	1266721
		Hydraulic oil filter	0001 - 9999	Χ		Χ	Χ	Χ	X	1	90200
		Filling and ventilation filter	0001 0000				Χ	Χ		1	5068
		Ventilation filter	0001 - 9999				Χ	Χ		1	179642
		Engine oil filter	0001 - 9999	Χ		Χ	Χ			1	234486
		Fuel filter	0001 - 9999	Χ		Χ	Χ			1	1213202
		Preliminary fuel filter (mesh)	0001 - 9999	Χ		Χ	Χ			1	37785
W 1000 F	06.10	Main air filter	0001 - 9999			Χ	Χ	Χ	Χ	1	4624082176
		Safety air filter	0001 - 9999			Χ	Χ	Χ	Χ	1	97201
		Hydraulic oil filter	0001 - 9999	Χ		Χ	Χ	Χ	Χ	1	90200
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	5068

 $\label{thm:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$



ORIGINAL WIRTGEN FILTER ELEMENTS

				Rep	laceme	nt inter	val				
Machine type	Model	Description	Series range	50h	250h, 750h, 1250h	500h, 1500h, 2500h	1000h, 2000h, 3000h		if nec- essary	Qty.	Part No.
		Engine oil filter	0001 - 9999	Χ		Χ	Χ			1	234486
		Fuel filter	0001 - 0559	Χ		Χ	Χ			1	1213202
		Additional fuel filter	0560 - 9999	Χ		Χ	Χ			2	1940
		Preliminary fuel filter (mesh)	0001 - 0074	Χ		Χ	Χ			1	37785
W 1000 F		Preliminary fuel filter	0075 - 9999	Χ		Χ	X			1	122648
W 1000 F, W 1200 F,	07.10	Main air filter	0001 - 9999			Χ	X	Χ	Χ	1	4624082176
W 1300 F	07.10	Safety air filter	0001 - 9999			Χ	Χ	Χ	X	1	97201
		Hydraulic oil filter	0001 - 9999	Χ		Χ	X	Χ	Χ	1	90200
		Additional hydraulic oil filter	0330 - 9999	Χ		Χ	X	Χ	Χ	1	156576
		Seal kit for additional hydraulic oil filter	0330 - 9999	Х		X	Х	Χ	X	1	170082
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	5068
		Engine oil filter	0001 - 9999	Χ		X	Χ			1	195743
		Fuel filter	0001 - 9999	Χ		Χ	Χ			1	195744
		Preliminary fuel filter	0001 - 9999	Χ		Χ	Χ			1	2222815
		Main air filter	0001 - 9999			Χ	Χ	Χ	Χ	1	191526
W 100 F,	00.10	Safety air filter	0001 - 9999			Χ	Χ	Χ	Χ	1	191525
W 120 F, W 130 F	08.10	Hydraulic oil filter (Combined return line filter)	0001 - 9999	X		Х	X	X	X	1	90200
		Hydraulic oil filter (Pressure filter)	0001 - 9999	Χ		X	Χ	Χ	Х	1	156576
		Seal set for pressure filter	0001 - 9999	Χ		Χ	Χ	Χ	Χ	1	170082
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	5068
		Engine oil filter	0001 - 9999	Χ		X	Χ			1	195743
		Fuel filter	0001 - 9999	Χ		Χ	Χ			1	2222821
		Preliminary fuel filter	0001 - 9999	Χ		X	Χ			1	2222815
		Main air filter	0001 - 9999			Χ	Χ	Χ	Χ	1	2217025
W 100 Fi,	10.10	Safety air filter	0001 - 9999			X	Χ	Χ	X	1	2217026
W 120 Fi, W 130 Fi	13.10	Hydraulic oil filter (Combined return line filter)	0001 - 9999	X		Х	Χ	X	Х	1	90200
		Hydraulic oil filter (Pressure filter)	0001 - 9999	Χ		Χ	Χ	X	Χ	1	156576
		Seal set for pressure filter	0001 - 9999	Χ		X	Χ	Χ	Χ	1	170082
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	5068
		Engine oil filter	0001 - 9999	Χ	X	Χ	Χ			1	145939
		Fuel filter	0001 - 9999	Χ	X	X	Χ			1	145940
		Preliminary fuel filter	0001 - 9999	Χ	Χ	X	Χ			1	122648
		Main air filter	0001 - 9999			X	Χ	Χ	Χ	1	85691
W 1500,	00.00	Safety air filter	0001 - 9999			Х	X	Χ	Х	1	90980
W 1900	08.20		0001 - 0638	Χ		Х	X	Χ	Х	1	30294
		Under the all files	0639 - 9999	Χ		X	X	Χ	Х	1	2104522
		Hydraulic oil filter	0004 0000	Χ		X	X	Χ	Х	1	118266
			0001 - 9999	Χ		Χ	Χ	Χ	Χ	1	74334
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	14171





				Rep	laceme	nt inter	val				
Machine type	Model	Description	Series range	50h	250h, 750h, 1250h	500h, 1500h, 2500h	1000h, 2000h, 3000h	at least 1x p. a.	if nec- essary	Qty.	Part No.
		Engine oil filter	0001 - 9999	Χ		Χ	Χ			1	195743
		Fuel filter	0001 - 9999	Χ		Χ	Χ			1	195744
		Preliminary fuel filter	0001 - 9999	Χ		Χ	Χ			1	2222815
		Main air filter	0001 - 9999			Χ	Χ	Χ	Χ	1	191526
W/450	05.40	Safety air filter	0001 - 9999			Χ	Χ	Χ	Χ	1	191525
W 150	05.13	Hydraulic oil filter (Combined return line filter)	0001 - 9999	X		Х	X	X	х	1	90200
		Hydraulic oil filter (Pressure filter)	0001 - 9999	Χ		X	X	Χ	Х	1	156576
		Seal set for pressure filter	0001 - 9999	Χ		X	X	Χ	X	1	170082
		Filling and ventilation filter	0001 - 9999				X	Χ		1	5068
		Engine oil filter	0001 - 9999	Χ		X	X			1	195743
		Fuel filter	0001 - 9999	Χ		X	X			1	2222821
		Preliminary fuel filter	0001 - 9999	Χ		X	X			1	2222815
		Main air filter	0001 - 9999			X	X	Χ	X	1	2217025
		Safety air filter	0001 - 9999			X	X	Χ	X	1	2217026
W 150i	06.13	Crankcase ventilation filter	0001 - 9999				X	Χ	Х	1	2225675
		Hydraulic oil filter (Combined return line filter)	0001 - 9999	X		Х	X	Х	Х	1	90200
		Hydraulic oil filter (Pressure filter)	0001 - 9999	Χ		X	X	Χ	Х	1	156576
		Seal set for pressure filter	0001 - 9999	Χ		Χ	X	Χ	Χ	1	170082
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	5068
		Engine oil filter	0001 - 9999	Χ		Χ	Χ			1	2111169
		Fuel filter	0001 - 9999	Χ		Χ	Χ			1	2111170
		Preliminary fuel filter	0001 - 9999	Χ		Χ	Χ			1	1292404
		Engine coolant filter	0001 - 9999			Χ	Χ			1	2111173
		Main air filter	0001 - 9999			Χ	Χ	Χ	Χ	2	191526
W 200	12.20	Safety air filter	0001 - 9999			X	Χ	Χ	Χ	2	191525
				Χ		X	Χ	Χ	Х	1	118266
		Hydraulic oil filter	0001 - 9999	Χ		X	X	Χ	Х	1	2104522
				Χ		X	Χ	Χ	Х	1	74334
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	14171
		Engine oil filter	0001 - 9999	Χ		X	Χ			1	2111169
		Fuel filter	0001 - 9999	Χ		X	Χ			1	2222829
		Preliminary fuel filter	0001 - 9999	Χ		Χ	Χ			1	2222815
		Engine coolant filter	0001 - 9999			X	Χ			1	2111173
		Main air filter	0001 - 9999			Χ	Χ	Χ	Χ	2	2220358
W 200i	14.20	Safety air filter	0001 - 9999			X	Χ	Χ	Χ	2	2220366
		Crankcase ventilation filter	0001 - 9999				Χ	Χ	Χ	2	2225675
				Χ		Χ	Χ	Χ	Χ	1	118266
		Hydraulic oil filter	0001 - 9999	Χ		X	Χ	Χ	Χ	1	2104522
				Χ		X	Χ	Χ	Χ	1	74334
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	14171



ORIGINAL WIRTGEN FILTER ELEMENTS

				Rep	laceme	nt inter	val				
Machine type	Model	Description	Series range	50h	250h, 750h, 1250h	500h, 1500h, 2500h	1000h, 2000h, 3000h	at least 1x p. a.	if nec- essary	Qty.	Part No.
		Engine oil filter	0001 - 9999	Χ	Χ	Χ	Χ			1	1877
		Fuel filter	0001 - 9999	Χ	Χ	Χ	Χ			1	119391
		Preliminary fuel filter (mesh)	0001 - 9999	X	Χ	Χ	Χ			1	50978
		Sealing ring for fuel prefilter (mesh)	0001 - 9999	X	X	X	x			1	2065709
		D 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0001 - 0865	Χ	Χ	Χ	Χ			1	119393
		Preliminary fuel filter	0866 - 9999	Χ	Χ	Χ	Χ			1	187609
W 0000	00.00	Main air Citer	0001 - 0865			Χ	Χ	Χ	X	1	85691
W 2000	06.20	Main air filter	0866 - 9999			Χ	Χ	Χ	Χ	1	194179
		O o fort and a filling	0001 - 0865			Χ	Χ	Χ	X	1	90980
		Safety air filter	0866 - 9999			Χ	Χ	Χ	Х	1	194180
			0001 - 1438	X		Χ	Χ	Χ	Χ	1	30294
			1439 - 9999	X		Χ	Χ	Χ	X	1	2104522
		Hydraulic oil filter	2004 2000	Χ		Χ	Χ	Χ	X	1	118266
			0001 - 9999	Χ		Χ	Χ	Χ	X	1	74334
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	14171
		Engine oil filter	0001 - 9999	Χ		Χ	Χ			2	195743
		Fuel filter	0001 - 9999	Х		Χ	Χ			2	195744
		Preliminary fuel filter	0001 - 9999	Χ		Χ	Χ			2	2222815
		Main air filter	0001 - 9999			Χ	Χ	Χ	Χ	2	191526
W 210	13.20	Safety air filter	0001 - 9999			Χ	Χ	Χ	X	2	191525
				Χ		Χ	Χ	Χ	X	1	118266
		Hydraulic oil filter	0001 - 9999	Χ		Χ	Χ	Χ	X	1	2104522
				Χ		Χ	Χ	Χ	X	1	74334
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	14171
		Engine oil filter	0001 - 9999	Χ		Χ	Χ			2	195743
		Fuel filter	0001 - 9999	Χ		Χ	Χ			2	2222821
		Preliminary fuel filter	0001 - 9999	Χ		Χ	Χ			2	2222815
		Main air filter	0001 - 9999			Χ	Χ	Χ	X	2	2217025
W 040:	W 210i 15.20	Safety air filter	0001 - 9999			Χ	Χ	Χ	X	2	2217026
VV ∠ 1UI		Crankcase ventilation filter	0001 - 9999				Χ	Χ	Χ	2	2225675
				Χ		Χ	Χ	Χ	X	1	118266
		Hydraulic oil filter	0001 - 9999	Χ		Χ	Χ	Χ	Χ	1	2104522
				Χ		Χ	Χ	Χ	Χ	1	74334
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	14171





				Rep	laceme	ent inter	val				
Machine type	Model	Description	Series range	50h	250h, 750h, 1250h	500h, 1500h, 2500h	1000h, 2000h, 3000h	at least 1x p. a.	if nec- essary	Qty.	Part No.
		Engine oil filter	0001 - 9999	Χ	Χ	Χ	Χ			1	40113
		Fuel filter	0001 - 9999	Χ	X	Χ	Χ			2	33023
		Dualization and final filters (manufa)	0001 - 0149	Χ	Χ	Χ	Χ			1	40103
		Preliminary fuel filter (mesh)	0150 - 9999	Χ	X	Χ	Χ			1	84128
		Preliminary fuel filter	0410 - 9999	Χ	X	Χ	Χ			1	122648
100 DC	02.21	Main air filter	0001 - 9999			Χ	X	Χ	Χ	2	41925
100 DC	03.21	Safety air filter	0001 - 9999			Χ	Χ	Χ	Χ	2	41924
		Hydraulic oil filter (DC/SM)	0001 - 9999	Χ		Χ	Χ			5	
		Hydraulic oil filter (DCR)	0001 - 9999	Χ		Χ	Χ			6	00004
	Hydraulic oil filter (DCR with screed)	0001 - 9999	Χ		Х	X			7	30294	
		Filling and ventilation filter	0001 - 9999				X	Χ		1	14171
			0001 - 0129	Χ	X	Χ	X			1	1877
		Engine oil filter	0130 - 9999	Χ	X	Χ	Χ			2	1877
		Fuel filter	0001 - 9999	Χ	X	Χ	Χ			1	119391
	D. II	0001 - 0129	Χ	X	Χ	X			1	119393	
	Preliminary fuel filter	0130 - 9999	Χ	X	X	X			1	187609	
	Preliminary fuel filter (mesh)	0001 - 9999	Χ	X	Χ	X			1	50978	
	Sealing ring for fuel prefilter (mesh)	0001 - 9999	X	X	Х	X			1	2065790	
V 2100	09.21		0001 - 0129			X	X	Χ	Χ	1	85691
		Main air filter	0130 - 9999			X	X	Χ	Χ	2	182496
			0001 - 0129			X	X	Χ	Χ	1	90980
		Safety air filter	0130 - 9999			X	X	Χ	Χ	2	182497
			0001 - 0384	Χ		X	X	Χ	Х	1	30294
			0385 - 9999	Χ		Χ	X	Χ	Χ	1	2104522
		Hydraulic oil filter		X		X	Χ	Χ	X	1	118266
			0001 - 9999	X		X	Χ	Χ	X	1	74334
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	14171
		Engine oil filter	0001 - 9999	Χ		Χ	Χ			2	1877
		Fuel filter	0001 - 9999	Χ		Χ	X			1	119391
		Preliminary fuel filter	0001 - 9999			X	Χ			1	187609
		Preliminary fuel filter (mesh)	0001 - 9999	Χ		X	Χ			1	50978
		Sealing ring for fuel prefilter (mesh)	0001 - 9999	X		Х	Х			1	2065790
220	05.22	Main air filter	0001 - 9999			Χ	Χ	Χ	X	2	191526
		Safety air filter	0001 - 9999			Χ	Χ	X	X	2	191525
				X		X	Χ	X	X	1	118266
		Hydraulic oil filter	0001 - 9999	X		Χ	Χ	X	X	1	2104522
				X		Χ	Χ	X	X	1	74334
		Filling and ventilation filter	0001 - 9999				X	X		1	14171



ORIGINAL WIRTGEN FILTER ELEMENTS

				Rep	laceme	nt inter	val				
Machine type	Model	Description	Series range	50h	250h, 750h, 1250h	500h, 1500h, 2500h	1000h, 2000h, 3000h	at least 1x p. a.	if nec- essary	Qty.	Part No.
		Engine oil filter	0001 - 9999	Χ	Χ	Χ	Χ			2	1877
		Fuel filter	0001 - 0499	Χ	Χ	Χ	Χ			2	119391
		1 del inter	0500 - 9999	Χ	X	Χ	Χ			1	2110145
		Preliminary fuel filter	0001 - 0499	Χ	X	Χ	X			1	119393
		. remained y rue. mile.	0500 - 9999	Χ	X	X	X			1	2110146
		Main air filter	0001 - 0499			Χ	Χ	Χ	Χ	2	85691
W 2200	08.21		0500 - 9999			X	X	Χ	X	2	95384
		Safety air filter	0001 - 0499			X	Χ	Χ	X	2	90980
			0500 - 9999			X	X	Χ	X	2	95383
			0001 - 0499	Χ		X	X	Χ	X	2	30294
		Hydraulic oil filter	0500 - 9999	Χ		X	X	Χ	X	1	2104522
			0001 - 9999	Χ		X	X	Χ	X	1	118266
				Χ		Χ	X	Χ	X	1	74334
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	14171
		Engine oil filter	0001 - 9999	X		X	X			1	195743
				Χ		X	Χ			1	2111169
	W 250 04.22	Fuel filter	0001 - 9999	X		X	X			1	195744
				X		X	X			1	2111170
		Preliminary fuel filter	0001 - 9999	X		X	X			1	2222815
144.050				X		X	X			1	1292404
W 250		Engine coolant filter	0001 - 9999			X	X		.,	1	2111173
		Main air filter	0001 - 9999			X	X	X	X	3	191526
		Safety air filter		V		X	X	X	X	3	191525
		Library Paradi 600 a	0004 0000	X		X	X	X	X	1	118266
		Hydraulic oil filter	0001 - 9999	X		X	X	X	X	1	2104522
		Fillian and contilation filter	0001 0000	X		Χ	X		X	1	74334
		Filling and ventilation filter	0001 - 9999	V		V	X	X		1	14171
		Engine oil filter	0001 - 9999	X		X	X			1	195743 2111169
						X	X			1	
		Fuel filter	0001 - 9999	X		X	X			1	2222821 2222829
						X	X			1	2222815
		Preliminary fuel filter	0001 - 9999	X		X	X			1	2268364
		Engine coolant filter	0001 - 9999	^		X	X			1	2111173
W 250i	06.22	Main air filter	0001-3333			X	X	Χ	X	4	2220358
VV 2301	W 250i 06.22	Safety air filter	0001 - 9999			X	X	X	X	4	2220356
		Crankcase ventilation filter	0001 - 9999				X	X	X	1	2225679
		Crankcase ventilation filter	0001 - 9999				X	X	X	1	2225675
		Oranicase ventilation mile	0001-3339	Χ		Χ	X	X	X	1	118266
		Hydraulic oil filter	0001 - 9999	X		X	X	X	X	1	2104522
		Try draulio on milei	0001-3339	X		X	X	X	X	1	74334
		Filling and ventilation filter	0001 - 9999				X	X	, , , , , , , , , , , , , , , , , , ,	1	14171
		hanges places always compare with the									.7171





				Rep	laceme	ent inter	val				
Machine type	Model	Description	Series range	50h	250h, 750h, 1250h	500h, 1500h, 2500h	1000h, 2000h, 3000h	at least 1x p. a.	if nec- essary	Qty.	Part No.
		Engine oil filter	0001 - 9999	Χ	Χ	Χ	Χ			1	177725
		Fuel filter	0001 - 9999	Χ	Χ	Χ	Χ			1	145940
		Preliminary fuel filter	0001 - 9999	Χ	Χ	Χ	Χ			1	1292404
		Main air filter	0001 - 9999			Χ	Χ	Χ	Χ	1	85691
ND 0000	00 M/D	Safety air filter	0001 - 9999			Χ	Χ	Χ	Χ	1	90980
WR 2000	03.WR		0001 - 0327	Χ		Χ	Χ	Χ	Χ	1	30294
		Uhadaa dia ali filkan	0328 - 9999	Χ		Χ	Χ	Χ	Χ	1	2104522
		Hydraulic oil filter	0001 0000	Χ		Χ	Χ	Χ	Χ	1	118266
			0001 - 9999	Χ		Χ	Χ	Χ	Χ	1	74334
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	14171
		Engine oil filter	0001 - 9999	Χ	Χ	Χ	Χ			1	145939
		Fuel filter	0001 - 9999	Χ	Χ	X	Χ			1	145940
		Preliminary fuel filter	0001 - 9999	Χ	Χ	X	Χ			1	129240
		Main air filter	0001 - 9999			Χ	Χ	Χ	Χ	1	95383
MD 0400	05.WR	Safety air filter	0001 - 9999			Χ	Χ	Χ	Χ	1	95384
WR 2400	05.WH		0001 - 0211	Χ		Χ	Χ	Χ	Χ	1	30294
	Unidea dia all'Ellan	0212 - 9999	Χ		Χ	Χ	Χ	Χ	1	210452	
	Hydraulic oil filter	0001 0000	Χ		Χ	Χ	Χ	Χ	1	118266	
			0001 - 9999	Χ		Χ	Χ	Χ	Χ	1	74334
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	14171
		Engine oil filter	0001 - 9999	Χ	Χ	Χ	Χ			1	2111169
		Fuel filter	0001 - 9999	Χ	Χ	Χ	Χ			1	2111170
		Preliminary fuel filter	0001 - 9999	Χ	Χ	Χ	Χ			1	1292404
		Engine coolant filter	0001 - 9999			Χ	Χ			1	2111173
MD 040	07.140	Main air filter	0001 - 9999			Χ	Χ	Χ	Χ	1	2185463
WR 240	07.WR	Safety air filter	0001 - 9999			Χ	Χ	Χ	Χ	1	2185460
			0001 - 9999	Χ		Χ	Χ	Χ	Χ	1	118266
		Hydraulic oil filter	0004 0000	Χ		Χ	Χ	Χ	Χ	1	2104522
			0001 - 9999	Χ		Χ	Χ	Χ	Χ	1	74334
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	14171
		Engine oil filter	0001 - 9999	Χ		Χ	Χ			1	2111169
		Fuel filter	0001 - 9999	Χ		Χ	Χ			1	2222829
		Preliminary fuel filter	0001 - 9999	Χ		X	Χ			1	226836
		Engine coolant filter	0001 - 9999			Χ	Χ			1	211117
		Main air filter	0001 - 9999			X	Χ	Χ	Χ	1	222035
VR 240i	10.WR	Safety air filter	0001 - 9999			X	Χ	Χ	Χ	1	222036
		Crankcase ventilation filter	0001 - 9999				Χ	Χ	Χ	1	222567
			0001 - 9999	Χ		X	Χ	Χ	Χ	1	118266
		Hydraulic oil filter	0004 0000	Χ		Χ	Χ	Χ	Χ	1	2104522
			0001 - 9999	Χ		Χ	Χ	Χ	Χ	1	74334
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	14171



ORIGINAL WIRTGEN FILTER ELEMENTS

				Replacement interval							
Machine type	Model	Description	Series range	50h	250h, 750h, 1250h	500h, 1500h, 2500h	1000h, 2000h, 3000h	at least 1x p. a.	if nec- essary	Qty.	Part No.
		Engine oil filter	0001 - 9999	Χ	Χ	Χ	Χ			1	40113
		Fuel filter	0001 - 9999	Χ	Χ	Χ	Χ			2	33023
		Preliminary fuel filter (mesh)	0001 - 9999	Χ	Χ	Χ	Χ			1	84128
		Additional fuel prefilter	0150 - 9999	Χ	Χ	Χ	Χ			1	122648
WR 2500	01.WR	Main air filter	0001 - 9999			Χ	Χ	Χ	Χ	2	41925
		Safety air filter	0001 - 9999			Χ	Χ	Χ	Χ	2	41924
		Hydraulic oil filter	0001 - 9999	Χ		Χ	Χ	Χ	Χ	4	30294
		Trydraulic oil liller	0001 - 9999	Χ		Χ	Χ	Χ	Χ	4	45452
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	14171
		Engine oil filter	0001 - 0350	Χ	Χ	Χ	Χ			1	40113
		Lingine on filter	0351 - 9999	Χ	Χ	Χ	Χ			1	8277
		Fuel filter	0001 - 0350	Χ	Χ	Χ	Χ			2	33023
		ruei ilitei	0351 - 9999	Χ	Χ	Χ	Χ			2	1940
		Preliminary fuel filter	0001 - 9999	Χ	Χ	Χ	Χ			1	1292404
		Main air filtar	0001 - 0350			Χ	Χ	Χ	Χ	0	41005
		Main air filter	0351 - 9999			Χ	Χ	Χ	Χ	2	41925
WD 0500 0		Onfolonia fillian	0001 - 0350			Χ	Χ	Χ	Χ	0	44004
WR 2500 S		Safety air filter	0351 - 9999			Χ	Χ	Χ	Χ	2	41924
		Crankcase ventilation filter	0351 - 9999			Χ	Χ	Χ		2	2128393
			0001 - 0350	Χ		Χ	Χ	Χ	Χ	1	30294
		Hydraulic oil filter	0351 - 9999	Χ		Χ	Χ	X	Χ	1	2104522
				Χ		Χ	Χ	Χ	Χ	1	118266
			0001 - 9999	Χ		Χ	Χ	Χ	Χ	1	74332
				Χ		Χ	Χ	Χ	Χ	1	74334
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	14171
		Engine oil filter	0001 - 9999	Χ	Χ	Χ	Χ			1	1877
		Fuel filter	0001 - 9999	Χ	Χ	Χ	Χ			1	119391
		Preliminary fuel filter	0001 - 9999	Χ	Χ	Χ	Χ			1	187609
		Preliminary fuel filter (mesh)	0001 - 9999	Χ	Χ	Χ	Χ			1	50978
		Sealing ring for fuel prefilter (mesh)	0001 - 9999	Х	Х	X	X			1	2065790
WR 250	08.WR	Main air filter	0001 - 9999			Χ	Χ	Χ	Χ	1	2185460
		Safety air filter	0001 - 9999			Χ	X	Χ	Х	1	2185463
		· ·	0001 - 9999	Χ		Χ	Χ	X	Χ	1	2104522
		Hydraulic oil filter		Χ		Χ	Χ	X	Χ	1	118266
			0001 - 9999	Χ		Χ	Χ	X	Χ	1	74334
		Filling and ventilation filter	0001 - 9999				X	Χ		1	14171
		Engine oil filter	0001 - 9999	Χ		Χ	X			1	251194
		Fuel filter	0001 - 9999			X	X			1	184822
		Preliminary fuel filter	0001 - 0004			X	X			1	179862
		Preliminary fuel filter	0005 - 9999			X	X			1	37785
SP 150	09.SP	Main air filter	0001 - 9999			X	X	Χ	X	1	1209582
		Safety air filter	0001 - 9999			X	X	X	X	1	1209612
		· ·		Χ		X	X	X	X	1	74334
		Hydraulic oil filter	0001 - 9999	X		X	X	X	X	2	45452
		Filling and ventilation filter	0001 - 9999			X	X	X	,	1	5068





				Rep	laceme	ent inter	val				
Machine type	Model	Description	Series range	50h	250h, 750h, 1250h	500h, 1500h, 2500h	1000h, 2000h, 3000h	at least 1x p. a.	if nec- essary	Qty.	Part No.
		Engine oil filter	0001 - 0065	Χ	Χ	Χ	Χ			1	56561
		Engine oil filter	0066 - 9999	Χ		Χ	Χ			1	176042
		Fuel filter	0001 - 0065	Χ	Χ	Χ	Χ			2	1302191
		Preliminary fuel filter	0066 - 9999	Χ		Χ	Χ			1	122648
		Fuel filter	0066 - 9999	Χ		Χ	Χ			1	176043
		Main air filter	0001 - 0065			Χ	Χ			1	76494
		Main all filter	0066 - 9999		Χ	Χ	Χ				70494
CD 050	00.00	Cofoty air filtor	0001 - 0065			Χ	Χ	Χ	Χ	4	76405
SP 250	08.SP	Safety air filter	0066 - 9999		Χ	Χ	Χ	Χ	Χ	1	76495
				Χ		Χ	X	Χ	Χ	1	16312
			0001 - 0065	Χ		Χ	Χ	Χ	Χ	4	45452
		I leader the all files		Χ		Χ	Χ	Χ	Χ	1	30294
		Hydraulic oil filter		Χ		Χ	Χ	Χ	Χ	1	118266
			0066 - 9999	Χ		Χ	Χ	Χ	Χ	1	30294
				Χ		Χ	Χ	Χ	Χ	1	74334
		Filling and ventilation filter	0001 - 9999				Χ	Χ		1	14171
		Engine oil filter	0001 - 9999	Χ		Χ	Χ			1	234486
		Fuel filter	0001 - 9999	Χ		Χ	Χ			2	2043673
		Preliminary fuel filter	0001 - 9999	Χ		Χ	Χ			1	1292404
		Main air filter	0001 - 0099			Χ	Χ	X	X	1	2142670
SP 15	12.SP	Safety air filter	0001 - 9999			Χ	Χ	X	X	1	2142671
			0001 - 9999	Χ		X	X	X	X	1	74334
		Hydraulic oil filter	0001 - 9999	Χ		X	X	X	X	1	2138317
		Filling and ventilation filter	0001 - 9999	Χ		X	X	Χ		1	14171
		Engine oil filter	0001 - 9999	Χ		Χ	X			1	234486
		Fuel filter	0001 - 9999	X		X	X			2	2043673
		Preliminary fuel filter	0001 - 9999	X		X	X			1	1292404
		Main air filter	0001 - 0099			X	X	Χ	X	1	1266748
SP 25	13.SP	Safety air filter	0001 - 9999			X	X	X	X	1	1266721
				Χ		X	X	X	X	1	74334
		Hydraulic oil filter	0001 - 9999	X		X	X	X	X	1	118266
		Filling and ventilation filter	0001 - 9999			X	X	X		1	14171
		Engine oil filter	0001 - 9999			X	X	,		1	234486
		Fuel filter	0001 - 9999			X	X			2	1940
		Preliminary fuel filter	0001 - 0039			X	X			1	122648
		Fuel filter	0060 - 9999			X	X			2	2043673
		Preliminary fuel filter	0060 - 9999			X	X			1	1292404
		Main air filter	0000 - 9999	7.		X	X	Χ	Χ	1	4624082176
SP 500	10.SP	Safety air filter	0001 - 9999			X	X	X	X	1	97201
5. 500	10.01	Caroty an into	0001 0000	Χ		X	X	X	X	1	74332
		Hydraulic oil filter	0001 - 9999	X		X	X	X	X	1	74334
		Machines with electr. vibration	0001-9999	X		X	X	X	X	2	45452
								X			
		Lludroulia all filtar		Y							
		Hydraulic oil filter Machines with hydr. vibration	0001 - 9999	X		X	X	X	X	4	74334 45452



ORIGINAL WIRTGEN SERVICE PACKAGES FOR ENGINE OIL FILTERS AND HYDRAULIC OIL FILTERS

Machina		Comico	Series	Replacement interval						
Machine type	Model	Service package	range	50 h	250 h, 750 h, 1250 h	500 h, 1500 h, 2500 h	1000 h, 2000 h, 3000 h			
		NA - L	0001 - 0594	193099	193099	106519	106519			
W 350	02.03	Motor	0595 - 9999	193100	193100	182336	182336			
		Hydraulic	0001 - 9999	107665		107665	106520			
		Matau	0001 - 0037	189278		189278	189278			
W 35	05.03	Motor	0038 - 9999	2219665		2089190	2089190			
		Hydraulic	0001 - 9999	107665		107665	106520			
		Matar	0001 - 0165	189278		189278	189278			
W 35 DC	04.03	Motor	0166 - 9999	2219665		2089190	2089190			
		Hydraulic	0001 - 9999	107665		107665	106520			
			0005 - 0275	107686	107686	106521	106521			
		Motor	0276 - 0903	107686	107686	106523	106523			
W 500	06.05		0904 - 9999	125015	125015	125016	125016			
		Lludroulio	0005 - 0275	107649		107649	106522			
		Hydraulic	0276 - 9999	107650		107650	106531			
W FO	00.05	Motor	0001 - 9999	181302		181302	181302			
W 50	08.05	Hydraulic	0001 - 9999	182467		182467	182469			
		Motor	0001 - 0027	2056606		2056606	2056606			
W 50	10.05	MOTOL	0028 - 9999	2219642		2089191	2089191			
		Hydraulic	0001 - 9999	182467		182467	182469			
		Motor	0001 - 0234	181303		181303	181303			
W 50 DC	09.05	MOTOL	0235 - 9999	2219616		2085671	2085671			
		Hydraulic	0001 - 9999	182467		182467	182469			
			0001 - 0269	106568		106568	106568			
W 600 DC,	07.05	Motor	0270 - 0515	139470		139470	139470			
W 1000 L	07.05		0516 - 9999	176421		176421	176421			
		Hydraulic	0001 - 9999	107698		107698	106569			
			0001 - 0286	108904	108904	106540	106540			
		Motor	0287 - 0356	108904	108904	106546	106546			
W 1000	05.10	IVIOLOI	0357 - 0577	110632	110632	110633	110633			
			0578 - 9999	164855	164855	164854	164854			
		Hydraulic	0001 - 9999	107698		107698	106569			





Machine		Service	Series	Replacement in	terval		
type	Model	package	range	50 h	250 h, 750 h, 1250 h	500 h, 1500 h, 2500 h	1000 h, 2000 h, 3000 h
W 60, W 100	09.10	Motor	0001 - 9999	2196864		2063467	2063467
VV 60, VV 100	09.10	Hydraulic	0001 - 9999	182467		182467	182469
W 60i,	10.10	Motor	0001 - 9999	2219670		2217206	2217206
W 100i,	12.10	Hydraulic	0001 - 9999	182467		182467	182469
W 1000 F	06.10	Motor	0001 - 9999	105555		105555	105555
W 1000 F	00.10	Hydraulic	0001 - 9999	107664		107664	105556
			0002 - 0074	136834		136834	136834
W 4000 F		Motor	0075 - 0559	136833		136833	136833
W 1000 F, W 1200 F, W 1300 F	07.10		0560 - 9999	182335		182335	182335
W 15001		Lhudroulio	0001 - 0329	107664		107664	105556
		Hydraulic	0330 - 9999	181355		181355	172347
W 100 F,	08.10	Motor	0001 - 9999	2196859		2060509	2060509
W 120 F, W 130 F	06.10	Hydraulic	0001 - 9999	181355		181355	172347
W 100 Fi,	10.10	Motor	0001 - 9999	2219674		2217202	2217202
W 120 Fi, W 130 Fi	13.10	Hydraulic	0001 - 9999	181355		181355	172347
		Motor	0001 - 9999	193135	193135	147248	147248
W 1500, W 1900	08.20	I le relevantion	0001 - 0638	181920		181920	130775
		Hydraulic	0639 - 9999	2160672		2160672	2160674
W 150	05.10	Motor	0001 - 9999	2196859		2060509	2060509
W 150	05.13	Hydraulic	0001 - 9999	181355		181355	172347
W 450:	00.10	Motor	0001 - 9999	2219674		2217202	2217202
W 150i	06.13	Hydraulic	0001 - 9999	181355		181355	172347
W 200	10.00	Motor	0001 - 9999	2196860		2141040	2141040
W 200	12.20	Hydraulic	0001 - 9999	2110454		2110454	2110456
W 200;	14.00	Motor	0001 - 9999	2219675		2141040	2141040
W 200i	14.20	Hydraulic	0001 - 9999	2110454		2110454	2110456



ORIGINAL WIRTGEN SERVICE PACKAGES FOR ENGINE OIL FILTERS AND HYDRAULIC OIL FILTERS

Maakina		Camina	Carrian	Replacement in	iterval		
Machine type	Model	Service package	Series range	50 h	250 h, 750 h, 1250 h	500 h, 1500 h, 2500 h	1000 h, 2000 h, 3000 h
			0001 - 0865	192887	192887	130774	130774
W 0000	00.00	Motor	0866 - 9999	194311	194311	194312	194312
W 2000	06.20		0001 - 1438	181920		181920	130775
		Hydraulic	1439 - 9999	2160672		2160672	2160674
W 040	10.00	Motor	0001 - 9999	2196861		2141041	2141041
W 210	13.20	Hydraulic	0001 - 9999	2110454		2110454	2110456
		Motor	0001 - 9999	2219676		2217204	2217204
W 210i	15.20	Hydraulic	0001 - 9999	2110454		2110454	2110456
			0001 - 0149	107677	107677	106559	106559
		Motor	0150 - 0409	107673	107673	106560	106560
			0410 - 9999	139744	139744	139743	139743
2100 DC	03.21		0001 - 9999 (DC/SM)	107653		107653	106558
		Hydraulic	0001 - 9999 (DCR)	107656		107656	106562
			0001 - 9999 (DCR screed)	107663		107663	107629
		Motor	0001 - 0129	192887	192887	130774	130774
W 2100	09.21	MOTOL	0130 - 9999	193132	193132	186536	186536
VV 2100	03.21	Hydraulic	0001 - 0384	181920		181920	130775
		Trydraulic	0385 - 9999	2160672		2160672	2160674
W 220	05.22	Motor	0001 - 9999	2219172		2217203	2217203
VV 220	00.22	Hydraulic	0001 - 9999	2110454		2110454	2110456
		Motor	0001 - 0499	193133	193133	130344	130344
W 2200	08.21	Wiotoi	0500 - 9999	2110174	2110174	2110175	2110175
VV 2200	00.21	Hydraulic	0001 - 0499	193134		193134	130345
		Trydraulio	0500 - 9999	2110454		2110454	2110456
W 250	04.22	Motor	0001 - 9999	2196862		2173465	2173465
VV 250	04.22	Hydraulic	0001 - 9999	2110454		2110454	2110456
W 250i	06.22	Motor	0001 - 9999	2275504		2275505	2275505
. 7 2001	00.22	Hydraulic	0001 - 9999	2110454		2110454	2110456
		Motor	0001 - 9999	181918	181918	181919	181919
WR 2000	03.WR	Hydraulic	0001 - 0327	181920		181920	130775
		. If diddilo	0328 - 9999	2160672		2160672	2160674





Markhan		0	Onder	Replacement in	nterval		
Machine type	Model	Service package	Series range	50 h	250 h, 750 h, 1250 h	500 h, 1500 h, 2500 h	1000 h, 2000 h, 3000 h
		Motor	0001 - 9999	192389	192389	192131	192131
WR 2400	05.WR	II. day Pa	0001 - 0211	181920		181920	130775
		Hydraulic	0212 - 9999	2160672		2160672	2160674
WD 0.40	07.14/5	Motor	0001 - 9999	2196860		2223531	2223531
WR 240	07.WR	Hydraulic	0001 - 9999	2160672		2160672	2160674
		Malan	0019 - 0149	107673	107673	106560	106560
WR 2500	01.WR	Motor	0150 - 9999	139744	139744	139743	139743
		Hydraulic	0001 - 9999	107658		107658	106564
			0001 - 0350	165056	165056	165057	165057
		Motor	0351 - 9999	2219697	2115213	2115214	2115214
WR 2500 S	04.WR		0001 - 0350	165055		165055	165054
		Hydraulic	0351 - 9999	2116463		2116463	2116464
		Motor	0001 - 9999	2219172		2262419	2262419
WR 250	08.WR	Hydraulic	0001 - 9999	2160672		2160672	2160674
			0001 - 0004	181302		181302	181302
SP 150	09.SP	Motor	0005 - 9999	2077854		2077854	2077854
		Hydraulic	0001 - 9999	2060566		2060566	2060566
00.45	10.00	Motor	0001 - 9999	2196863		2164063	2164063
SP 15	12.SP	Hydraulic	0001 - 9999	2164534		2164534	2164534
			0001 - 0065	125015	125015	125016	125016
00.050	00.00	Motor	0066 - 9999	176653		176653	176653
SP 250	08.SP	I badan dia	0001 - 0065	107655		107655	107431
		Hydraulic	0066 - 9999	176654		176654	176655
00.05	10.00	Motor	0001 - 9999	2196864		2063467	2063467
SP 25	13.SP	Hydraulic	0001 - 9999	2167088		2167088	2167088
		Matau	0001 - 0059	182335		182335	182335
		Motor	0060 - 9999	2103183		2103183	2103183
SP 500	10.SP	Hydraulic electr. vibrator	0001 - 9999	182338		182338	182339
		Hydraulic hydr. vibrator	0001 - 9999	182340		182340	182341



ORIGINAL WIRTGEN MAINTENANCE KITS

Wirtgen maintenance kits contain aligned to the respective milling machine all required air, fuel, engine oil and hydraulic oil filters as well as the appropriate lubricants, oils and sealings.





Maahina		Series	Maintenance interv	al				
Machine type	Model	range	50 h	250 h, 750 h, 1250 h	500 h, 1500 h, 2500 h	1000 h, 2000 h, 3000 h		
W 050	00.00	0001 - 0594	2102976	2102978	2102980	2102982		
W 350	02.03	0595 - 9999	2102977	2102979	2102981	2102983		
W OF	05.00	0001 - 0037	2103026		2103026	2103033		
W 35	05.03	0038 - 9999	2103027		2103027	2103034		
W OF DO	04.00	0001 - 0165	2103026		2103026	2103033		
W 35 DC	04.03	0166 - 9999	2103027		2103027	2103034		
		0005 - 0275	2103050	2103055	2103057	2103060		
W 500	06.05	0276 - 0903	2103051	2103055	2103058	2103061		
		0904 - 9999	2103053	2103056	2103059	2103062		
W 50	08.05	0001 - 9999	2102984		2102984	2102987		
W/50	10.05	0001 - 0027	2101448		2101448	2101455		
W 50		0028 - 9999	2101449		2101449	2101456		
W 50 DO	09.05	0001 - 0234	2103063		2103063	2103069		
W 50 DC		0235 - 9999	2103064		2103064	2103070		
W 60, W 100	09.10	0001 - 9999	2103072		2103072	2103075		
W 60i, W 100i	12.10	0001 - 9999	2217272		2217273	2217274		
		0001 - 0269	2103028		2103028	2103038		
W 600 DC, W 1000 L	07.05	0270 - 0515	2103039		2103039	2101452		
		0516 - 9999	2103065		2103065	2103231		
		0001 - 0286	2103234	2103240	2103244	2103249		
W 4000	05.40	0287 - 0356	2103234	2103240	2103246	2103250		
W 1000	05.10	0357 - 0577	2103237	2103242	2103247	2103251		
		0578 - 9999	2103238	2103243	2103248	2103252		
W 1000 F	06.10	0001 - 9999	2103254		2103254	2103263		
		0001 - 0074	2103254		2103254	2103263		
W 1000 F,	07.10	0075 - 0329	2103255		2103255	2103264		
W 1200 F, W 1300 F	07.10	0330 - 0559	2103256		2103256	2103265		
		0560 - 9999	2103257		2103257	2103266		



ORIGINAL WIRTGEN MAINTENANCE KITS

Machine		Series	Maintenance interv	al		
type	Model	range	50 h	250 h, 750 h, 1250 h	500 h, 1500 h, 2500 h	1000 h, 2000 h, 3000 h
W 100 F, W 120 F, W 130 F	08.10	0001 - 9999	2103071		2103077	2103078
W 100 Fi, W 120 Fi, W 130 Fi	13.10	0001 - 9999	2217276		2217278	2217279
W 1500,	08.20,	0001 - 0638	2103178	2103179	2103180	2103181
W 1900	10.20	0639 - 9999	2181376	2103179	2183826	2183827
W 150	05.13	0001 - 9999	2103071		2103077	2103076
W 150i	06.13	0001 - 9999	2217276		2217278	2217280
W 200	12.20	0001 - 9999	2142161		2142163	2142164
W 200i	14.20	0001 - 9999	2217283		2217285	2217286
		0001 - 0865	2103158	2103161	2103163	2103165
W 2000	06.20, 11.20	0866 - 1438	2103159	2103162	2103164	2103166
		1439 - 9999	2183828	2103162	2183830	2183831
W 210	13.20	0001 - 9999	2142158		2142159	2142160
W 210i	15.20	0001 - 9999	2217287		2217288	2217290
		0001 - 0149 (DC/SM)		2101451	2102985	2103043
		0001 - 0149 (DCR)		2101451	2103030	2103066
		0001 - 0149 (DCR/screed)		2101451	2103037	2103073
		0150 - 0409 (DC/SM)		2101453	2102986	2103044
2100 DC	03.21	0150 - 0409 (DCR)		2101453	2103032	2103067
		0150 - 0409 (DCR/screed)		2101453	2103041	2103074
		0410 - 9999 (DC/SM)		2101454	2103029	2103054
		0410 - 9999 (DCR)		2101454	2103036	2103068
		0410 - 9999 (DCR/screed)		2101454	2103042	2103235



Machine		Series	Maintenance interv	erval				
type	Model	range	50 h	250 h, 750 h, 1250 h	500 h, 1500 h, 2500 h	1000 h, 2000 h, 3000 h		
		0001 - 0129	2103296	2103298	2103300	2103302		
W 2100	09.21	0130 - 0384	2103297	2103299	2103301	2103303		
		0385 - 9999	2183833	2103299	2183835	2183836		
W 220	04.22	0001 - 9999	2215623		2215625	2215626		
W 2200	08.21	0001 - 0499	2103187	2103189	2103191	2103194		
W 2233	00.21	0500 - 9999	2110176	2110177	2110178	2110179		
W 250	04.22	0001 - 9999	2173466		2173467	2173468		
W 250i	06.22	0001 - 9999	2275506		2275507	2275508		
WR 2000	03.WR	0001 - 0327	2173657	2173658	2173659	2173660		
W11 2000	00.7711	0328 - 9999	2183837	2173658	2183839	2183840		
WR 2400	05.WR	0001 - 0211	2173661	2173662	2173663	2173665		
W112400	00.7711	0212 - 9999	2183841	2173662	2183843	2183844		
WR 240	07.WR	0001 - 9999	2223472		2223471	2223470		
WR 240i	10.WR	0001 - 9999	2262358		2262357	2262354		
WR 2500	04.WR	0001 - 0350	2173672	2173673	2173675	2173676		
VVI 1 2000	O4.VVI	0351 - 9999	2173677	2252057	2173678	2173681		
WR 250	08.WR	0001 - 9999	2262420		2262421	2262422		



ORIGINAL WIRTGEN GROUP LUBRICANTS

The complex and demanding requirements imposed by Wirtgen Group machines have been analyzed in intensive research and testing work together with leading oil companies and translated into optimum specifications. The resultant products are now used for first-time lubrication of the machines in the factory. The outcome of these efforts is remarkable:

A large range of premium lubricants from a single source complemented by highly functional accessories "made in Germany" for filling and lubrication. The new Wirtgen Group lubricants ensure that your fleet does not grind to a halt.

Premium lubricants

Wirtgen Group lubricants combine the best possible basic oils and unique additives in customized specifications. The advantages for you:

- Extended oil-change intervals based on oil analysis in the Wirtgen Group
- Compatibility with the first filling
- Optimum protection against wear
- Perfect protection against corrosion
- Traceability in the event of damage

Wirtgen Group lubricants consequently improve the performance and service life of your machines while at the same time durably cutting their running costs. The sensible way to save money!

One-stop supply

All Wirtgen Group machines – whether Wirtgen milling machine, Vögele paver or Hamm roller – can be filled and lubricated with the corresponding Wirtgen Group lubricant for each application.* Together with the carefully coordinated mixture of container sizes, this results in optimized ordering, storage and filling processes.

Accessories for filling and lubrication

Highly functional accessories "made in Germany", such as canister pumps and grease guns, are available to assist you in filling and lubricating your machines.

* Exceptions are indicated



Wirtgen Group Engine Oil 10W40

The smooth-running engine oil produced using modern synthesis technology with outstanding wear protection and cleaning characteristics is suitable for exhaust gas standards TIER 1, 2, 3 (EURO 3a). For excellent and safe operating properties. Enables longer maintenance intervals as approved by the engine manufacturer.

Container sizes: 5 l, 20 l, 208 l Classes: ACEA E7/E5, API CF

Manufacturers' standards: Daimler Chrysler MB 228.5, Deutz DQC III-05

Wirtgen Group Engine Oil 15W40

Powerful high-performance engine oil made from excellent basic oils and special additives. Increases the performance output by your engine while at the same time ensuring maximum operational reliability.

Container sizes: 5 l, 20 l, 208 l Classes: ACEA E7/E5, API CI-4 plus

Manufacturers' standards: Daimler Chrysler MB 228.3, Caterpillar CAT ECF-1, Cummins

CES 20078/7/6/2/1







Wirtgen Group Engine Oil "Low SAPS" 10W30

Semi-synthetic "Low SAPS" engine oil (low sulphated ash, sulphur and phosphorous content) with fuel economy technology. Its low sulphate ash content ensures that burnt oil particles do not prematurely clog the particle filter for exhaust gas after-treatment.

Container sizes: 5 l, 20 l, 208 l

Exhaust gas standard: EPA/CARB Tier 4i,

EU-2004/26/EG Level IIIB Classes: ACEA E9/E7, API CJ-4

Manufacturers' standards: Deutz DQC III-10 LA, Caterpillar CAT ECF-3, Cummins CES 20081, Daimler Chrysler MB 228.31

Wirtgen Group Hydraulic Oil HVLP 46

High-grade multi-range hydraulic oil with high viscosity index for optimum protection against wear, even in the most difficult service conditions. The new, improved specification ensures very long service intervals. Optimum cold starting properties are guaranteed.

Container sizes: 20 l, 208 l

Classes: DIN 51524 Part 3, Type HVLP ISO

6743/4 HV

Wirtgen Group Gear Oil 85W90

Mineral gear oil of the latest generation for versatile use in gearboxes and axle drives. Stands out through maximum protection against wear and oxidation.

Container sizes: 5 l, 20 l, 208 l

Classes: API GL-5

Manufacturers' standards: Daimler Chrysler MB 235.0, ZF-TE-ML05A/07A/12A/16C/17B

Note: Must not be used for Wirtgen milling drum gearboxes, Hamm vibratory bearings and drum drives, as well as for Vögele pump splitter gearboxes and travel drives.

Wirtgen Group High-Performance Gear Oil

Exclusive all-synthetic gear oil designed for heavy-duty use in Wirtgen milling drum gearboxes. Extremely resistant to pressure and temperature.

temperature.

Container sizes: 5 l, 20 l, 208 l

Note: Must not be mixed with mineral gear oil.

Special versions must be used for WR 2000/2400 and WS 2200/2500 (see table of Order Nos.).

Wirtgen Group Multipurpose Grease

Highly refined multipurpose grease for a wide range of lubricating jobs, such as on link pins and wheel bearings. State-of-the-art additive technology makes this product particularly suitable for use in conditions subject to impacts and vibration.

Container sizes: 400 g cartridge

Wirtgen Group Clutch and Remixer Grease Exclusive grease for use in Wirtgen clutches

and remixers.

Container sizes: 400 g cartridge





ORIGINAL WIRTGEN GROUP ACCESSORIES FOR FILLING AND LUBRICATION

Oil pumps

Hand pump for 20 I canisters:

- Piston pump
- Delivery hose with spring-loaded spiral and anti-kink spring
- Non-drip spout with holder
- Foot valve

Lever-operated hand pump for 208 I barrels:

- Made of metal
- Telescoping intake tube
- Pivotable delivery manifold
- Delivery capacity: 0.2 l / stroke



Pressure sprays and grease guns

Pressure sprays:

- Made of metal
- Flexible hose
- Sizes: 500 g, 1000 g

Grease guns:

- Made of metal
- High pressure output
- Size: 400 g



Filling cans and funnels

Filling cans:

- Flexible spout
- Complete with lid
- Sizes: 1 I, 2 I, 5 I

Filling funnels

- Transparent plastic material
- Complete with lid
- Diameter: 180 mm, 220 mm





Description	Container size	Part No.
	51	2065020
Wirtgen Group Engine Oil 15W40	201	2065025
	208	2065026
	51	2112355
Wirtgen Group Engine Oil 10W40	201	2112354
	208	2219171
	51	2210320
Wirtgen Group Engine Oil "Low SAPS" 10W30	201	2210322
	208	2210323
Winter Crown Lindraulia Cil LIV/LD 46	201	2065028
Wirtgen Group Hydraulic Oil HVLP 46	208	2065029
Wirtgen Group Hydraulic Oil HVLP 68	201	2118574
Winters Crown Rig Lindraulia Oil 46	201	2118575
Wirtgen Group Bio Hydraulic Oil 46	208	2270558
Winters Crown Chatch Fluid 20	5 L	2268030
Wirtgen Group Clutch Fluid 32	20 L	2268032
	51	2065030
Wirtgen Group Gear Oil 85W90	201	2065031
	208	2065032
	51	2170074
Wirtgen Group High-Performance Gear Oil VG 220	201	2065033
	208	2065034
Wirtgen Group High-Performance Gear Oil VG 150	51	2173019
Wingeri Group High-Performance Gear Oil vo 150	201	199752
Wirtgen Group Multipurpose Grease	400 g	2065035
Wirtgen Group Clutch and Remixer Grease	400 g	47259
	51	2173022
Wirtgen Antifreezing Compound	20	2173023
	208	2173024

Description	Part No.
Hand pump for 20 I canisters	2065044
Lever operated hand pump for 208 I barrels	2065045
Pressure sprays 500 g	2065046
Pressure sprays 1000 g	2065047
Lever operated hand grease gun 400 g	2065048
Grease gun 400 g	2065049
Filling can 1 I	2065041
Filling can 2 I	2065042
Filling can 5 I	2065043
Filling funnel 180 mm	2065039
Filling funnel 220 mm	2065040





LUBRICANT REQUIREMENTS WHEN USING ORIGINAL WIRTGEN GROUP LUBRICANT CONTAINERS

		Engine Oi	I		Gear Oil	ı		High-Pe Gear Oil	rformance VG 220
Machine	Model		Container siz	ze		Container siz	ze		Container size
type	pe	Capacity (liters)	5 liters Part No.: 2065020	20 liters Part No.: 2065025	Capacity (liters)	5 liters Part No.: 2065030	20 liters Part No.: 2065031	Capacity (liters)	20 liters Part No.: 2065033
W 350	02.03	10.5	3		1.5	1		5.5	1
W 35	05.03	6.5	2		3	1		5.5	1
W 35 DC	04.03	11	3		3	1		6.5	1
W 500	06.05	11.5	3		3.5	1			
W 50	08.05	14	3					8	1
W 50	10.05	14	3					8	1
W 50 DC	09.05	10	3		2	1		15	1
W 60, W 100	09.10	13	3		1	1		29	2
W 600 DC, W 1000 L	07.05	19		1	3.5	1		28	2
W 1000	05.10	24	1	1	7	2		24	2
W 1000 F	06.10	21	1	1	4	1		21	1
W 1000 F	07.10	20	1	1	4	1		28	2
W 100 F	08.10	26	2	1	4	1		26	2
W 1500, W 1900	08.20, 09.20, 10.20	38		2	9	2		21	1
W 150	05.13	26	2	1	4	1		26	2
W 200	12.20	45	1	2	8	2		21	1
W 2000	06.20, 11.20	34		2	16		1	21	1
W 210	13.20	20 + 24.5	2	2	8	2		21	1
W 2100	09.21	34		2	19		1	37	2
W 220	05.22	34		2	19		1	41	2
W 2200	08.21	68		4	40		2	41	2
W 250	04.22	24.5 + 45		4	40		2	41	2
WR 240	07.WR	47		3		3	1	21	1 x 199752
WR 250	08.WR	40		2		3	1	41	2





		Engine Oil		Gear Oil			High-Performance Gear Oil VG 220		
Machine	Model		Container siz	ze	Capacity (liters)	Container size	ze		Container size
type		Capacity (liters)	5 liters Part No.: 2210320	20 liters Part No.: 2210322		5 liters Part No.: 2065030	20 liters Part No.: 2065031	Capacity (liters)	20 liters Part No.: 2065033
W 60i, W 100i	12.10	13	3		1	1		29	2
W 100 Fi, W 120 Fi, W 130 Fi	13.10	26	2	1	4	1		26	2
W 150i	06.13	26	2	1	4	1		26	2
W 200i	14.20	45	1	2	8	2		21	1
W 210i	15.20	20 + 24.5	2	2	8	2		21	1
W 250i	06.22	25 + 45	2	3	40		2	41	2
WR 240i	10.WR	47		3		3	1	21	1 x 199752

		Engine Oil			Gear Oil			High-Performance Gear Oil VG 150	
Machine	Model		Container size	ze		Container size			Container size
type		Capacity (liters)	5 liters Part No.: 2112355	20 liters Part No.: 2112354	Capacity (liters)	5 liters Part No.: 2065030	20 liters Part No.: 2065031	Capacity (liters)	20 liters Part No.: 199752
WR 2000	03.WR	39		2	25	1	1	21	1
WR 2400	05.WR	38		2	34	3	1	21	1
WR 2500 S	04.WR	53	3	2	30	2	1	41	2 x 2065033



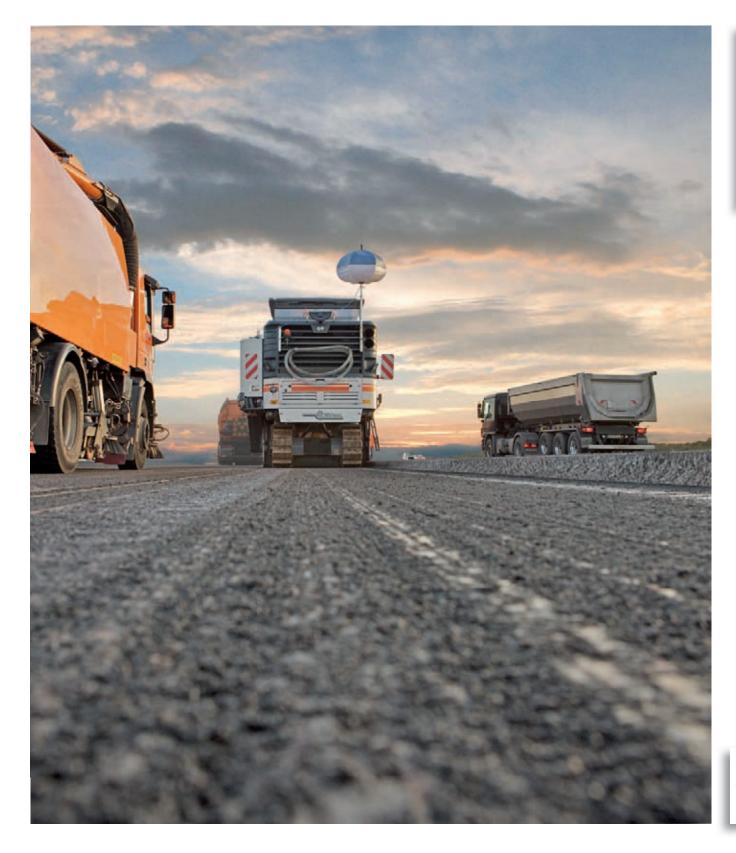
LUBRICANT REQUIREMENTS WHEN USING ORIGINAL WIRTGEN GROUP LUBRICANT CONTAINERS

		Hydraulic Oil		Multipurpose Grease	Clutch and Remixer Grease
Machine type	Model	Capacity (liters)	Container size 20 I Part No.: 2065028	Container size 400 g Part No.: 2065035	Container size 400 g Part No.: 47259
W 350	02.03	60	3	4	
W 35	05.03	55	3	4	
W 35 DC	04.03	55	3	4	
W 500	06.05	180	9 x 2118574	6	
W 50	08.05	80	4	6	
W 50	10.05	80	4	6	
W 50 DC	09.05	80	4	6	
W 60, W 100	09.10	80	4	8	
W 600 DC, W 1000 L	07.05	70	4	8	1
W 1000	05.10	85	5	8	1
W 1000 F	06.10	110	6	12	1
W 1000 F	07.10	110	6	12	1
W 100 F	08.10	130	7	12	1
W 1500, W 1900	08.20, 09.20, 10.20	280	14	12	1
W 150	05.13	120	6	12	1
W 200	12.20	330	17	12	1
W 2000	06.20, 11.20	300	15	12	1
W 210	13.20	330	17	12	1
W 2100	09.21	300	15	12	1
W 220	05.22	300	15	12	1
W 2200	08.21	500	25	12	1
W 250	04.22	300	15	12	1
WR 2000	03.WR	350	18	12	1
WR 2400	05.WR	450	23	12	1
WR 240	07.WR	450	23	12	1
WR 2500 S	04.WR	270	14	12	1
WR 250	08.WR	450	23	12	1

		Hydraulic Oil		Multipurpose Grease	Clutch and Remixer Grease
Machine type	Model	Capacity (liters)	Container size 20 I Part No.: 2065028	Container size 400 g Part No.: 2065035	Container size 400 g Part No.: 47259
W 60i, W 100i	12.10	80	4	8	
W 100 Fi	13.10	130	7	12	1
W 150i	06.13	120	6	12	1
W 200i	14.20	330	17	12	1
W 210i	15.20	330	17	12	1
W 250i	06.22	300	15	12	1
WR 240i	10.WR	450	23	12	1









JOSEPH VÖGELE AG THE NAME THAT STANDS FOR WORLD-FAMOUS PAVERS



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ORIGINAL VÖGELE PRESSURE ROLLERS

The pressure rollers in the front area of the paver must be able to withstand very high stresses, especially when being driven over by a truck full of asphalt, in order to supply the machine with new material during the installation process.

Vögele ensures in the selection of the bearings that they demonstrate the highest quality features, so that smooth rotation of the wheels of the truck is ensured, and that the filling process is not adversely affected in any way.



Machine type	Model	Series range	Description	Qty.	Part No.	Description	Qty.	Part No.
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	Round steel	2	2005914	Bearing	4	2005836
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	Round steel	2	2005914	Bearing	4	2005836
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999	Round steel	2	2005914	Bearing	4	2005836
		0010 - 0160	Pipe	2	4617305621	Axle	2	4601032346
SUPER 1203	07.11	0010 - 0160	Bearing	4	9538100625	Lid	4	4604132463
		0161 - 9999	Round steel	2	2005914	Bearing	4	2005836
CLIDED 1400	00.10	0010 0000	Pipe	2	4617303289	Axle	2	4601032200
SUPER 1400	06.12	0010 - 9999	Bearing	4	9538100625	Lid	4	4604132463
CLIDED 1400	00.11	0010 - 9999	Pipe	2	4617304327	Bearing	4	9506200625
SUPER 1402	06.11		Lid	2	4604132492	Lid	2	4604132493
CLIDED 1500	00.70	70 0010 - 9999	Pipe	2	4617303289	Axle	2	4601032200
SUPER 1500	06.70		Bearing	4	9538100625	Lid	4	4604132209
SUPER 1502	06.71	0010 0000	Pipe	2	4617303289	Axle	2	4601032200
30FEN 1302	00.71	0010 - 9999	Bearing	4	9538100625	Lid	4	4604132209
	06.72	0010 0000	Pipe	2	4617303289	Axle	2	4601032200
SUPER 1600	00.72	0010 - 9999	Bearing	4	9538100625	Lid	4	4604132209
SUPER 1000	06.82	0010 - 9999	Pipe	2	4617303289	Axle	2	4601032200
	00.62	0010 - 9999	Bearing	4	9538100625	Lid	4	4604132209
	06.73	0010 0000	Pipe	2	4617303289	Axle	2	4601032200
SUPER 1603	00.73	0010 - 9999	Bearing	4	9538100625	Lid	4	4604132209
30FEN 1003	06.70	0010 0000	Pipe	2	4617303289	Axle	2	4601032200
	00.70	0010 - 9999	Bearing	4	9538100625	Lid	4	4604132209
SUPER 1600-1,	07.82	0010 - 9999	Pipe	2	4617305243	Axle	2	4601032333
SUPER 1800-1	07.02	0010 - 9999	Bearing	4	2240570	Lid	4	4604132599



Machine type	Model	Series range	Description	Qty.	Part No.	Description	Qty.	Part No.
SUPER 1600-1 EP,	09.82	0010 - 9999	Pipe	2	4617305243	Axle	2	4601032333
SUPER 1800-1 EP	03.02	0010 - 9999	Bearing	4	2240570	Lid	4	4604132599
SUPER 1603-1,	07.83	0010 - 9999	Pipe	2	4617305243	Axle	2	4601032333
SUPER 1803-1	07.00	0010 3333	Bearing	4	2240570	Lid	4	4604132599
SUPER 1600-2, SUPER 1800-2,	11.82	0010 - 9999	Pipe	2	2040320	Axle	2	2041091
SUPER 1800-2 SJ	11.02	0010 - 9999	Bearing	4	2240570	Lid	4	4604132599
CLIDED 1900 0	10.00	0010 0000	Pipe	2	2040320	Axle	2	2041091
SUPER 1800-2	12.82	0010 - 9999	Bearing	4	2240570	Lid	4	4604132599
SUPER 1603-2,	00.00	0010 0000	Pipe	2	2040320	Axle	2	2041091
SUPER 1803-2	08.83	0010 - 9999	Bearing	4	2240570	Lid	4	4604132599
OLIDED 1000	00.00	0010 0000	Pipe	2	4617303289	Axle	2	4601032200
SUPER 1800	06.68	0010 - 9999	Bearing	4	9538100625	Lid	4	4604132209
OLIDED 4004		0010 0000	Pipe	2	4617303289	Axle	2	4601032200
SUPER 1804	06.68	0010 - 9999	Bearing	4	9538100625	Lid	4	4604132209
SUPER 1900,	106.19	0010 0000	Pipe	2	4617305243	Axle	2	4601032333
SUPER 2100		0010 - 9999	Bearing	4	2240570	Lid	4	4604132599
SUPER 1900-2,		0010 - 9999	Pipe	2	2040320	Axle	2	2041091
SUPER 2100-2	07.19		Bearing	4	2240570	Lid	4	4604132599
011050 0400 010		0727 - 9999	Pipe	2	2040320	Axle	2	2041091
SUPER 2100-2 IP	07.19		Bearing	4	2240570	Lid	4	4604132599
OUDED 4000	00.40		Pipe	2	4617305243	Axle	2	4601032333
SUPER 1903	02.18	0010 - 9999	Bearing	4	2240570	Lid	4	4604132599
		0004 0040	Pipe	2	4617304380	Axle	2	4601032294
CLIDED OF OO	00.74	0001 - 0010	Bearing	4	9506200625	Lid	4	4604132512
SUPER 2500	06.74		Pipe	2	4617304507	Axle	2	4601032333
		0011 - 9999	Bearing	4	9506200625	Lid	4	4604132523
CLIDED 0000 0	00.74	0010 0000	Pipe	2	2118444	Axle	2	2118447
SUPER 3000-2	08.74	0010 - 9999	Bearing	4	9506200625	Lid	4	2118449
VISION 5100-2	10.00	0010 0000	Pipe	2	2040320	Axle	2	2041091
VISION 5100-2	13.82	0010 - 9999	Bearing	4	2240570	Lid	4	4604132599
VICION 5100 0	00.00	0010 0000	Pipe	2	2040320	Axle	2	2041091
VISION 5103-2	09.83	0010 - 9999	Bearing	4	2240570	Lid	4	4604132599
VICION FOOD O	07.74	0010 0000	Pipe	2	2054010	Axle	2	2054006
VISION 5200-2	07.74	0010 - 9999	Bearing	4	2240570	Lid	4	4604132599
VICION FOOD O	07.75	0010 0000	Pipe	2	2054010	Axle	2	2054006
VISION 5203-2	07.75	0010 - 9999	Bearing	4	2240570	Lid	4	4604132599
MT 1000 1	O1 MT	0017 0000	Pipe	2	4617303289	Axle	2	4601032200
MT 1000-1	01.MT	Г 0017 - 9999	Bearing	4	9538100625	Lid	4	4604132209
MT 2000 2	07.61	0010 0000	Pipe	2	2145859	Axle	2	2145868
MT 3000-2	07.01	7.61 0010 - 9999	Bearing	4	2240570	Lid	4	4604132599

 $\mathsf{EP} = \mathsf{Ergo}\;\mathsf{Plus}\;\cdot\;\mathsf{SJ} = \mathsf{SprayJet}\;\cdot\;\mathsf{IP} = \mathsf{InLine}\;\mathsf{Pave}\;\cdot\;\mathsf{MT} = \mathsf{Feeder}$



ORIGINAL VÖGELE MATERIAL HOPPER RUBBERS

The Original Vögele material hopper rubbers are designed to fit all machines and guarantee absolute fitting accuracy. This ensures that no material falls out in front when filling the paver with asphalt, but remains in the hopper of the machine. This guarantees the availability of material from the hopper via the material distribution to the screed.



Machine type	Model	Series range	Scraper left and		Scraper rubber middle		Rubber	Rubber
7,		3	Quantity	Part No.	Quantity	Part No.	right	left
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	2	2025844	1	2025841*		2027092**
SUPER 1203	07.11	0010 - 0160	2	4601112251				
30FLN 1203	07.11	0161 - 9999	2	2007218				
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	2	2048231	1	2048234*		
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999	2	2048231	1	2052454*		
SUPER 1400	06.12	0011 - 9999	2	4601112269				
SUPER 1402	06.11	0010 - 9999	2	4601112269				
SUPER 1500	06.63	0010 - 0500	2	4601112239				
301 EN 1300	06.70	0010 - 9999	2	4601112239				
SUPER 1502	06.62	0010 - 0525	2	4601112239				
301 LIT 1302	06.71	0010 - 9999	2	4601112239				
SUPER 1600	06.72	0010 - 0430	2	4601112239				
301 EN 1000	06.82	0010 - 9999	2	4601112239				
SUPER 1603	06.73	0010 - 0053	2	4601112239				
CO. ETT 1000	06.83	0010 - 9999	2	4601112239				
SUPER 1700	06.46	0010 - 0400	2	4601112016				
OOI LITTIOO	06.66	0401 - 9999	2	4601112239				

^{*} Only with mechanical inlet flap $\,\cdot\,$ ** Only with asymmetrical hopper





Machine type	Model	Series range	Scraper left and	1100001		ddle Rubber Ru		Rubber
,,		3 .	Quantity	Part No.	Quantity	Part No.	right	left
CLIDED 1704	06.45	0201 - 9999	2	4601112016				
SUPER 1704	06.65	0001 - 9999	2	4601112239				
SUPER 1800	06.68	0010 - 9999	2	4601112239				
SUPER 1804	06.69	0010 - 9999	2	4601112239				
SUPER 1900, SUPER 2100	06.19	0005 - 9999	2	4601112202	1	4601112215*		
SUPER 1903	02.18	0003 - 9999	2	4601112253	1	4601112254*		
SUPER 1800 SF	03.SF	0176 - 9999	4	2008667				
SUPER 1600-1,	07.82	0010 - 9999	2	4601112253	1	4601112254*		
SUPER 1603-1	09.82	0010 - 9999	2	4601112253	1	4601112254*		
SUPER 1800-1	10.82	0088 - 9999	2	4601112253	1	4601112254*		
SUPER 1600-2, SUPER 1800-2	11.82	0010 - 9999	2	4601112253	1	4601112254*		
SUPER 1800-2 SJ	11.82	1414 - 9999	2	2082175***	1	2101422***		
SUPER 1800-2	12.82	0010 - 9999	2	4601112253	1	4601112254*		
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999	2	4601112253	1	4601112254*		
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	2	4601112253	1	4601112254*		
SUPER 1900-2, SUPER 2100-2	07.19	0010 - 9999	2	4601112202	1	4601112215*		
SUPER 2100-2 IP	07.19	0727 - 9999	2	4601112202	1	4601112215*	2x 2038429	2x 2038429
00. 22.00 2	00	0.2. 0000	_				2x 2038431	2x 2038431
SUPER 2500	06.74	0010 - 9999	2	4601112241				
SUPER 3000-2	08.74	0010 - 9999	2	2120400	1	2119569*		
		0017 - 0020	2	4601112274	1	4601112273		
MT 1000-1	01.MT	0021 - 0071	2	2004195	1	4601112273		
		0072 - 9999	2	2107999	1	4601112273		
MT 3000-2	07.61	0010 - 9999					2182307	2182289
VISION 5200-2	07.74	0010 - 9999			1	2082402*	2082408*	2082407*
					1	2078090***	2078100***	2078108***
VISION 5203-2	07.75	0010 - 9999			1	2082402*	2082408*	2082407*
					1	2078090***	2078100***	2078108***
VISION 5103-2	09.83	0010 - 9999			1	2087610*	2088035*	2088035*
			2	2108835***	1	2087621***	2115367***	2115367***
VISION 5100-2	13.82	0010 - 9999			1	2087690*	2088048*	2088048*
			2	2108835***	1	2087710***	2108798***	2108798***

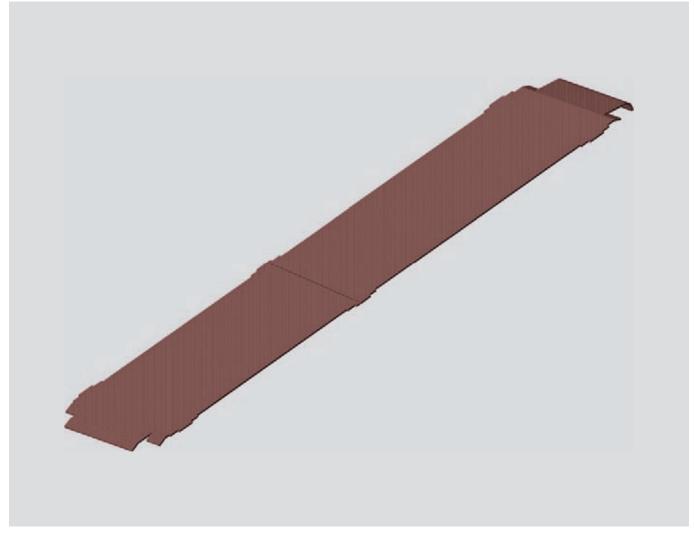
^{*} Only with mechanical inlet flap \cdot *** With hydraulic inlet flap \cdot SF = Spray paver \cdot SJ = SprayJet \cdot IP = InLine Pave \cdot MT = Feeder



ORIGINAL VÖGELE FLOOR PLATES

The floor plates of conveyors are exposed to severe strain. Therefore, we use materials for manufacture meeting the highest demands in terms of resistance to wear and impact strength. The special, patented design of our floor plates allows fitting without screws or bolts, thus saving precious time when mounting or demounting.







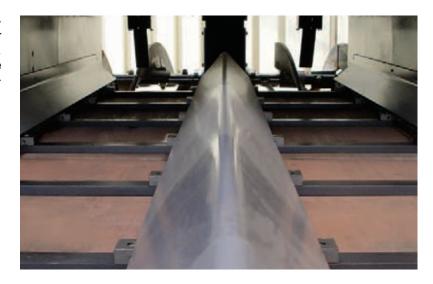
	Machine type Model	Series range	Floor plates						
Machine type			Quantity	Front	Quantity	Middle	Quantity	Rear	
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	1	2024859					
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999			2	2046272			
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999			2	2052785			
SUPER 1203	07.11	0010 - 9999	2	4602437295			2	4602437296	
SUPER 1400	06.12	0010 - 9999	1	4602425123	1	4602425119	1	4602425121	
SUPER 1402	06.11	0010 - 9999	1	4602425124	1	4602425126	1	4602425127	
SUPER 1500	06.70	0010 - 9999	2	4602434629	2	4602424998	2	4602434632	
SUPER 1502	06.71	0010 - 9999	2	4602434629	2	4602424998	2	4602434632	
SUPER 1600	06.72, 06.82	0010 - 9999	2	4602434629	2	4602424998	2	4602434632	
SUPER 1603	06.73, 06.83	0010 - 9999	2	4602434629	2	4602424998	2	4602434632	
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 9999	2	4602439024			2	4602439108	
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999	2	4602439024			2	4602439108	
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999	2	4602439024			2	4602439108	
SUPER 1600-2, SUPER 1800-2, SUPER 1800-2 SJ	11.82	0010 - 9999	2	4602439024			2	4602439108	
SUPER 1800-2	12.82	0010 - 9999	2	4602439024			2	4602439108	
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	2	4602439024			2	4602439108	
SUPER 1800	06.68	0010 - 9999	2	4602434629	2	4602434630	2	4602434632	
SUPER 1804	06.69	0010 - 9999	2	4602434629	2	4602434630		4602434632	
SUPER 1900, SUPER 1900-2	06.19 07.19	0010 - 9999	2	4602436030			2	4602436031	
SUPER 2100, SUPER 2100-2	06.19 07.19	0010 - 9999	2	4602436030			2	4602436031	
SUPER 2100-2 IP	07.19	0727 - 9999	2	4602436030			2	4602436031	
SUPER 1903	02.18	0010 - 9999	2	4602437534			2	4602437535	
VISION 5100-2	13.82	0010 - 9999	2	2087350			2	4602439108	
VISION 5103-2	09.83	0010 - 9999	2	2067461			2	2067460	
VISION 5200-2	07.74	0010 - 9999	2	2077889			2	4602436031	
VISION 5203-2	07.75	0010 - 9999	2	2077889			2	4602436031	
SUPER 2500	06.74	0010 - 9999	2	4602423475	4	4602423478	2	4602423477	
SUPER 3000-2	08.74	0010 - 9999	2	2121213			2	2121214	
331 E11 3300 E	00.1 T	3010 3000	_	_ 1_ 1_ 10			_		

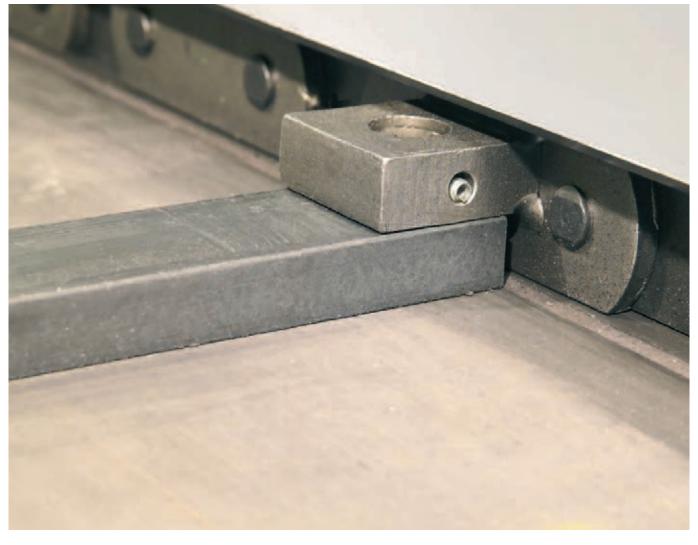
 $\mathsf{EP} = \mathsf{Ergo}\;\mathsf{Plus}\;\cdot\;\mathsf{SJ} = \mathsf{SprayJet}\;\cdot\;\mathsf{IP} = \mathsf{InLine}\;\mathsf{Pave}$



ORIGINAL VÖGELE CONVEYOR GUARDS

Protecting the conveyor chains to prevent premature wear is of utmost importance for your paver's good operating condition at all times. Therefore, Vögele conveyor guards are made of a high-quality and highly wear resistant material.







Machine type	Model	Series range	Description	Qty.	Part No.
SUPER 600, SUPER 800	07.90	0010 - 9999	Lateral guard	2	2024849
SUPER 1100-2,	00.44	0010 0000	Central guard	1	2046339
SUPER 1300-2	08.11	0010 - 9999	Lateral guard	2	2046265
SUPER 1103-2,	00.44	0040 0000	Central guard	1	2046339
SUPER 1303-2	09.11	0010 - 9999	Lateral guard	2	2046265
			Central guard rear	1	4618182410
			Central guard front	1	4618182409
			Lateral guard rear	2	4618182411
		0010 - 0044	Lateral guard front left	1	4618182413
			Lateral guard front right	1	4618182414
			Chain guard left	1	4618182418
			Chain guard right	1	4618182419
SUPER 1203	07.11		Central guard rear	1	4618182410
			Central guard front	1	4618182409
			Lateral guard rear left	1	4618182428
		0045 - 9999	Lateral guard rear right	1	4618182429
		0045 - 9999	Lateral guard front left	1	4618182413
			Lateral guard front right	1	4618182414
			Chain guard left	1	4618182418
			Chain guard right	1	4618182419
CUDED 4400	00.10	0010 0000	Lateral guard rear	2	4618182382
SUPER 1400	06.12	0010 - 9999	Lateral guard front	2	4618182392
CUDED 1400	00.11	0010 0000	Lateral guard rear	2	4618182329
SUPER 1402	06.11	0010 - 9999	Lateral guard front	2	4618182393
SUPER 1402 C			Central guard rear	1	4618182277
			Central guard front	1	4618182292
		0010 - 0062	Lateral guard	4	4618182382
			Chain guard left	1	4618182287
			Chain guard right	1	4618182288
SUPER 1500	06.70		Central guard rear	1	4618182408
			Central guard front	1	4618182407
		0000 0000	Lateral guard	4	4618182382
		0063 - 9999	Chain guard left	1	4618182287
			Chain guard right	1	4618182306
			Chain guard middle	1	4618182288
			Central guard rear	1	4618182277
			Central guard front	1	4618182292
		0010 - 0090	Lateral guard	4	4618182382
			Chain guard left	1	4618182287
			Chain guard right	1	4618182288
SUPER 1502	06.71		Central guard rear	1	4618182408
			Central guard front	1	4618182407
		0004 0000	Lateral guard	4	4618182382
		0091 - 9999	Chain guard left	1	4618182287
			Chain guard right	1	4618182306
			Chain guard middle	1	4618182288



ORIGINAL VÖGELE CONVEYOR GUARDS

Machine type	Model	Series range	Description	Qty.	Part No.
			Central guard rear	1	4618182277
			Central guard front	1	4618182292
		0010 - 0083	Lateral guard	4	4618182382
			Chain guard left	1	4618182287
			Chain guard right	1	4618182288
	06.72		Central guard rear	1	4618182408
			Central guard front	1	4618182407
		0084 - 0000	Lateral guard	4	4618182382
SUPER 1600		0004 - 0000	Chain guard left	1	4618182287
			Chain guard middle	1	4618182306
			Chain guard right	1	4618182288
			Central guard rear	1	4618182408
		0010 - 9999	Central guard front	1	4618182407
	06.82		Lateral guard	4	4618182382
	00.02		Chain guard left	1	4618182287
			Chain guard middle	1	4618182306
			Chain guard right	1	4618182288
	06.73	0010 - 9999	Central guard rear	1	4618182408
			Central guard front	1	4618182407
			Lateral guard rear	2	4618182382
			Lateral guard front	2	4618182367
			Chain guard left	1	4618182287
			Chain guard middle	1	4618182306
			Chain guard right	1	4618182288
			Central guard rear	1	4618182408
			Central guard front	1	4618182407
			Lateral guard rear	2	4618182382
SUPER 1603		0010 - 0043	Lateral guard front	2	4618182367
			Chain guard left	1	4618182287
			Chain guard middle	1	4618182306
	06.83		Chain guard right	1	4618182288
	00.03		Central guard rear	1	4618182408
			Central guard front	1	4618182407
			Lateral guard rear	2	4618182382
		0044 - 9999	Lateral guard front	2	4618182385
			Chain guard left	1	4618182287
			Chain guard middle	1	4618182306
			Chain guard right	1	4618182288



Machine type	Model	Series range	Description	Qty.	Part No.
			Central guard rear	1	4618182430
SUPER 1600-1, SUPER 1800-1			Central guard front	1	4618182431
	07.82	0010 - 0025	Lateral guard rear	2	4618182415
001 211 1000 1			Lateral guard front left	1	2003401
			Lateral guard front right	1	2003414
			Central guard rear	1	4618182430
			Central guard front	1	4618182431
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 0055	Lateral guard rear	2	4618182415
001 E11 1000 1			Lateral guard front left	1	2001643
			Lateral guard front right	1	2001641
			Central guard rear	1	4618182430
			Central guard front	1	4618182431
			Lateral guard rear	2	4618182415
	07.82	0026 - 9999	Lateral guard front left	1	2010980
			Lateral guard front left	1	2010985*
			Lateral guard front right	1	2010983
			Lateral guard front right	1	2010986*
			Central guard rear	1	4618182430
			Central guard front	1	4618182431
			Lateral guard rear	2	4618182415
	09.82	0010 - 9999	Lateral guard front left	1	2010980
			Lateral guard front left	1	2010985*
SUPER 1600-1, SUPER 1800-1,			Lateral guard front right	1	2010983
SUPER 1600-1 EP,			Lateral guard front right	1	2010986*
SUPER 1800-1 EP, SUPER 1600-2,			Central guard rear	1	4618182430
SUPER 1800-2,			Central guard front	1	4618182431
SUPER 1800-2 SJ			Lateral guard rear	2	4618182415
	11.82	0010 - 9999	Lateral guard front left	1	2010980
			Lateral guard front left	1	2010985*
			Lateral guard front right	1	2010983
			Lateral guard front right	1	2010986*
			Central guard rear	1	4618182430
			Central guard front	1	4618182431
			Lateral guard rear	2	4618182415
	12.82	0010 - 9999	Lateral guard front left	1	2010980
			Lateral guard front left	1	2010985*
			Lateral guard front right	1	2010983
			Lateral guard front right	1	2010986*

^{*} Only with hydraulic front flap $\,\cdot\,$ EP = Ergo Plus $\,\cdot\,$ SJ = SprayJet





ORIGINAL VÖGELE CONVEYOR GUARDS

Machine type	Model	Series range	Description	Qty.	Part No.
			Central guard rear	1	4618182430
			Central guard front	1	4618182431
SUPER 1603-1, SUPER 1803-1			Lateral guard rear	2	4618182415
	07.83	0010 - 0018	Lateral guard front left	1	2003401
			Lateral guard front left	1	2001643*
			Lateral guard front right	1	2003414
			Lateral guard front right	1	2001641*
			Central guard rear Central guard front	1	4618182430 4618182431
			Lateral guard rear	2	4618182415
	08.83	0010 - 9999	Lateral guard front left	1	2010980
	00.00	0010 - 3333	Lateral guard front left	1	2010985*
SUPER 1603-1,			Lateral guard front right	1	2010983
SUPER 1803-1,			Lateral guard front right	1	2010986*
SUPER 1603-2,			Central guard rear	1	4618182430
SUPER 1803-2			Central guard front	1	4618182431
			Lateral guard rear	2	4618182415
	07.83	0019 - 9999	Lateral guard front left	1	2010980
			Lateral guard front left	1	2010985*
			Lateral guard front right	1	2010983
			Lateral guard front right	1	2010986*
		0010 - 0240	Central guard rear	1	4618182277
			Central guard front	1	4618182276
			Lateral guard rear	2	4618182374
			Lateral guard front	2	4618182375
			Chain guard left	1	4618182287
			Chain guard right	1	4618182288
SUPER 1800	06.68		Chain guard middle	1	4612012001
SUPER 1800	00.00		Central guard rear	1	4618182408
			Central guard front	1	4618182406
			Lateral guard rear	2	4618182374
		0241 - 9999	Lateral guard front	2	4618182375
			Chain guard left	1	4618182287
			Chain guard middle	1	4618182306
			Chain guard right	1	4618182288
			Central guard rear	1	4618182277
			Central guard front	1	4618182276
			Lateral guard rear	2	4618182374
		0010 - 0060	Lateral guard front	2	4618182375
			Chain guard left	1	4618182287
			Chain guard right	1	4618182288
			Chain guard middle	1	4612012001
			Central guard rear Central guard front	1	4618182277 4618182276
			Lateral guard rear	2	4618182374
SUPER 1804	06.69	0061 - 0100	Lateral guard front	2	
30FER 1004	00.09	0001 - 0100	Chain guard left	1	4618182391 4618182287
			Chain guard right	1	4618182288
			Chain guard middle	1	4612012001
			Central guard rear	1	4618182408
			Central guard front	1	4618182406
			Lateral guard rear	2	4618182374
		0101 - 9999	Lateral guard front	2	4618182391
		3.0. 0000	Chain guard left	1	4618182287
			Chain guard middle	1	4618182306
		Chain guard right	1	4618182288	

^{*} Only with hydraulic front flap





Machine type	Model	Series range	Description	Qty.	Part No.
			Central guard rear	1	4618182397
			Central guard front	1	4618182396
SUPER 1900,	06.19	0010 - 9999	Lateral guard	4	4618182395**
SUPER 2100	00.10	0010 0000	Lateral guard	2	4618182395*
			Lateral guard front left	1	4618182399*
			Lateral guard front right	1	4618182400*
			Central guard rear	1	4618182397
SUPER 1900-2,			Central guard front	1	4618182396
SUPER 2100-2,	07.19	0010 - 9999	Lateral guard	4	2034838**
SUPER 2100-2 IP	01110	33.3	Lateral guard	2	2034838*
			Lateral guard front left	1	2035037*
			Lateral guard front right	1	2035038*
			Central guard rear	1	4618182397
			Central guard front	1	4618182416
SUPER 1903	02.18	0010 - 9999	Lateral guard rear	2	4618182415
001 211 1000	02.10	0010 0000	Lateral guard front	2	4618182417**
			Lateral guard front left	1	4618182420*
			Lateral guard front right	1	4618182421*
			Central guard rear	1	4618182430
			Central guard front	1	2087373
VISION 5100-2	13.82	0010 - 9999	Lateral guard	2	4618182415
			Lateral guard front left	1	2087378
			Lateral guard front right	1	2087379
			Central guard rear	1	4618182430
			Central guard front	1	2067453
VISION 5103-2	09.83	0010 - 9999	Lateral guard	2	4618182415
			Lateral guard front left	1	2087449
			Lateral guard front right	1	2087450
			Central guard rear	1	4618182397
			Central guard front	1	2052585
VISION 5200-2	07.74	0010 - 9999	Lateral guard	2	4618182415
			Lateral guard front left	1	2052495
			Lateral guard front right	1	2052494
			Central guard rear	1	4618182397
			Central guard front	1	2052585
VISION 5203-2	07.75	0010 - 9999	Lateral guard	2	4618182415
			Lateral guard front left	1	2052495
			Lateral guard front right	1	2052494
			Central guard rear	1	4618182388
			Central guard front	1	4618182387
SUPER 2500	06.74	0010 - 9999	Lateral guard	4	4618182386
			Chain guard middle	1	4618182351
			Chain guard	2	4615112735
			Central guard rear	1	2118289
			Central guard front	1	2118286
			Lateral guard front right	1	2118280
SUPER 3000-2	08.74	0010 - 9999	Lateral guard front left	1	2118283
			Lateral guard rear	2	2135814
			Chain guard rear right	1	2119439
			Chain guard rear left	1	2119440

^{*} Only with hydraulic front flap $\,\cdot\,$ ** With mechanical front flap $\,\cdot\,$ IP = InLine Pave



ORIGINAL VÖGELE SERVICE PACKAGES FOR MATERIAL HOPPERS

Original Vögele service packages for material hoppers ensuring perfect feed and conveyance of mix

The service package includes all wearing parts for the material hopper such as floor plates, centre and lateral guards as well as mounting materials.







Mashinahina	Madal	Carias vanas	Service package for m	aterial hopper
Machine type	Model	Series range	with hydraulic front flap	with mechanical front flap
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999		2085994
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999		2084782
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999		2085982
SUPER 1203	07.11	0010 - 9999		4617500099
SUPER 1400	06.12	0010 - 9999		4617500046
SUPER 1402	06.11	0010 - 9999		4617500047
		0010 - 0062		4617500048
SUPER 1500	06.70	0063 - 9999		4617500049
		0010 - 0090		4617500048
SUPER 1502	06.71	0091 - 9999		4617500049
		0010 - 0083		4617500048
SUPER 1600	06.72	0084 - 9999		
CO. 2.1.1666	06.82	0010 - 9999		4617500049
	06.73	0010 - 9999		
SUPER 1603	00.70	0010 - 0043		4617500050
301 EN 1003	06.83	0044 - 9999		4617500051
			2012100	
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 0025	2013188	2013187
		0026 - 9999	2031620	2031619
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999	2031620	2031619
SUPER 1600-2, SUPER 1800-2, SUPER 1800-2 SJ	11.82	0010 - 9999	2031620	2031619
SUPER 1800-2	12.82	0010 - 9999	2031620	2031619
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 0018	2013188	2013187
·		0019 - 9999	2031620	2031619
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	2031620	2031619
SUPER 1800	06.68	0010 - 0240		4617500052
		0241 - 9999		4617500053
OLIDED 4004	00.00	0010 - 0060		4617500052
SUPER 1804	06.69	0061 - 0100		4617500054
CLIDED 1000 CLIDED 0100	06.10	0101 - 9999	4617500000	4617500055
SUPER 1900, SUPER 2100	06.19	0010 - 9999	4617500093	4617500094
SUPER 1900-2, SUPER 2100-2 SUPER 2100-2 IP	07.19 07.19	0010 - 9999 0727 - 9999	2041452	2041453
SUPER 1903	02.18	0010 - 9999	2013201	2013199
VISION 5100-2	13.82	0010 - 9999	2010201	2144458
VISION 5100-2 VISION 5103-2	09.83	0010 - 9999		2144451
VISION 5200-2	07.74	0010 - 9999		2091446
VISION 5203-2	07.75	0010 - 9999		2091446
SUPER 2500	06.74	0010 - 9999		4617500057
SUPER 3000-2	08.74	0010 - 9999	2164939	2164939

 $\mathsf{EP} = \mathsf{Ergo} \; \mathsf{Plus} \; \cdot \; \mathsf{SJ} = \mathsf{SprayJet} \; \cdot \; \mathsf{IP} = \mathsf{InLine} \; \mathsf{Pave}$

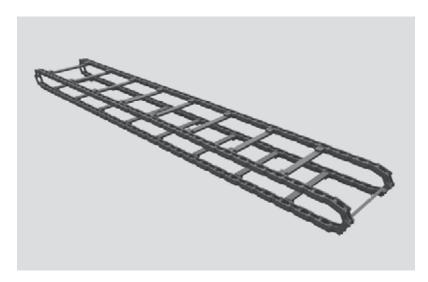


ORIGINAL VÖGELE CONVEYOR CHAINS



The conveyor chains with feeder bars are preassembled for quick replacement.

In order to achieve the best possible resistance to wear for the conveyors exposed to severe strain, conveyor chains are made of a sturdy high-quality steel. A pre-assembled unit includes 2 conveyor chains with feeder bars, bolts and closing links.



Machine type	Model	Series range	Quantity	Part No.
SUPER BOY	06.90	0010 - 9999	1	4610312125
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	1	2045812
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	2	2046350
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999	2	2052796
SUPER 1203	07.11	0010 - 9999	2	2047053
SUPER 1400	06.12	0010 - 9999	1	4610312151
SUPER 1402	06.11	0010 - 9999	1	4610312152
SUPER 1500	06.70	0010 - 9999	2	4610312123
SUPER 1502	06.71	0010 - 9999	2	4610312123
SUPER 1600	06.72, 06.82	0010 - 9999	2	4610312123
SUPER 1603	06.73, 06.83	0010 - 9999	2	4610312123
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 9999	2	2135839
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999	2	2135839
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999	2	2135839
SUPER 1600-2, SUPER 1800-2,	11.82	0010 - 9999	2	2135839
SUPER 1800-2 SJ	12.82	0010 - 9999	2	2135839
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	2	2135839
SUPER 1800	06.68	0010 - 9999	2	4610312118
SUPER 1804	06.69	0010 - 9999	2	4610312118
SUPER 1900, SUPER 2100	06.19	0010 - 9999	2	2135833
SUPER 1900-2, SUPER 2100-2, SUPER 2100-2 IP	07.19	0010 - 9999	2	2135833
SUPER 1903	02.18	0010 - 9999	2	4610312155
VISION 5100-2	13.82	0010 - 9999	2	2135838
VISION 5103-2	09.83	0010 - 9999	2	2135840
VISION 5200-2	07.74	0010 - 9999	2	2135844
VISION 5203-2	07.75	0010 - 9999	2	2135844
SUPER 2500	06.74	0010 - 9999	2	4610312150
SUPER 3000-2	08.74	0010 - 9999	2	2120082

 $\mathsf{EP} = \mathsf{Ergo} \; \mathsf{Plus} \; \cdot \; \mathsf{SJ} = \mathsf{SprayJet} \; \cdot \; \mathsf{IP} = \mathsf{InLine} \; \mathsf{Pave}$



ORIGINAL VÖGELE SERVICE PACKAGES FOR RETURN SHEAVES FOR CONVEYORS





This service package is made up of all you need for an exchange of your conveyors' return sheaves including roller bearings, wearing rings and retaining rings.

The parts are made of highly wear resistant materials, thus ensuring long service lives.

Machine type	Model	Series range	Quantity	Part No.
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	1	2037584
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	1	2086375
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999	1	2086371
SUPER 1203	07.11	0010 - 9999	1	2013202
SUPER 1400	06.12	0010 - 9999	1	4617500066
SUPER 1402	06.11	0010 - 9999	1	4617500067
SUPER 1500	06.70	0010 - 9999	1	4617500068
SUPER 1502	06.71	0010 - 9999	1	4617500068
SUPER 1600	06.72, 06.82	0010 - 9999	1	4617500068
SUPER 1603	06.73, 06.83	0010 - 9999	1	4617500068
SUPER 1800	06.68	0010 - 9999	1	4617500068
SUPER 1804	06.69	0010 - 9999	1	4617500068
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 9999	1	2013205
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999	1	2013205
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999	1	2013205
SUPER 1600-2, SUPER 1800-2, SUPER 1800-2 SJ	11.82	0010 - 9999	1	2013205
SUPER 1800-2	12.82	0010 - 9999	1	2013205
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	1	2013205
SUPER 1900, SUPER 2100	06.19	0010 - 9999	1	2013205
SUPER 1900-2, SUPER 2100-2, SUPER 2100-2 IP	07.19	0010 - 9999	1	2013205
SUPER 1903	02.18	0010 - 9999	1	2013205
VISION 5100-2	13.82	0010 - 9999	1	2013205
VISION 5103-2	09.83	0010 - 9999	1	2013205
VISION 5200-2	07.74	0010 - 9999	1	2091319
VISION 5203-2	07.75	0010 - 9999	1	2091319
SUPER 2500	06.74	0010 - 9999	1	2057984
SUPER 3000-2	08.74	0010 - 9999	1	2013205

 $\mathsf{EP} = \mathsf{Ergo}\;\mathsf{Plus}\;\cdot\;\mathsf{SJ} = \mathsf{SprayJet}\;\cdot\;\mathsf{IP} = \mathsf{InLine}\;\mathsf{Pave}$



ORIGINAL VÖGELE CHAIN WHEELS AND ROLLER CHAINS FOR CONVEYOR DRIVES

Vögele chain wheels and roller chains are made of highly wear resistant materials and for manufacture tight tolerance requirements exist.

They ensure optimal transmission of power, smooth running and low wear. As a result, powerful conveyance of mix is guaranteed and a long service life.







Machine type	Model	Series range	Chain wh	eels at the gear	Roller cha	ains
			Quantity	Part No.	Quantity	Part No.
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	1	2031792	1	2014115
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	2	4610062263	2	2044060
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999	2	4610062263	2	2044060
SUPER 1203	07.11	0010 - 0160	2	4610062263	2	3301193076
30FLN 1203	07.11	0161 - 9999	2	2005927	2	2008941
SUPER 1400	06.12	0010 - 9999	1	4610062202* 4610062203**	1	3301100051
		0010 - 0062	2	4610062187	2	3301100054
SUPER 1500	06.70	0063 - 0127	2	4610062190	2	3301100054
		0128 - 9999	2	4610062217	2	3301100054
		0010 - 0090	2	4610062187	2	3301100054
SUPER 1502	06.71	0091 - 0221	2	4610062190	2	3301100054
		0222 - 9999	2	4610062217	2	3301100054
		0010 - 0093	2	4610062187	2	3301100054
CLIDED 1600	06.72	0094 - 0218	2	4610062190	2	3301100054
SUPER 1600		0219 - 9999	2	4610062217	2	3301100054
	06.82	0010 - 9999	2	4610062217	2	3301100054
SUPER 1603	06.73	0010 - 9999	2	4610062190	2	3301100052
SUPER 1603	06.83	0010 - 9999	2	4610062190	2	3301100052
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 9999	2	4610062220	2	2026906
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999	2	4610062220	2	2026906
SUPER 1600-2, SUPER 1800-2, SUPER 1800-2 SJ	11.82	0010 - 9999	2	4610062220	2	2026906
SUPER 1800-2	12.82	0010 - 9999	2	4610062220	2	2026906
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999	2	4610062220	2	2026906
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	2	4610062220	2	2026906
		0010 - 0270	2	4610062187	2	3301100054
SUPER 1800	06.68	0271 - 0558	2	4610062190	2	3301100054
		0559 - 9999	2	4610062217	2	3301100054
SUPER 1804	06.69	0010 - 0100	2	4610062187	2	3301100052
SUPEN 1004	00.09	0101 - 9999	2	4610062190	2	3301100052
SUPER 1900, SUPER 1900-2, SUPER 2100, SUPER 2100-2, SUPER 2100-2 IP	06.19 07.19	0010 - 9999	2	4610062246	2	3301120048
VISION 5100-2	13.82	0010 - 9999	2	4610062220	2	3301120056
VISION 5103-2	09.83	0010 - 9999	2	4610062220	2	2201120062
VISION 5200-2	07.74	0010 - 9999	2	4610062220	2	2052638
VISION 5203-2	07.75	0010 - 9999	2	4610062220	2	2052638
		0010 0010	2	4610062209*	2	2201220020
SUPER 2500	06.74	0010 - 0010	2	4610062208**	2	3301230030
OOI LI12300	00.74	0011 - 9999	2	4610062209*	2	3301230032
		0011 0000	2	4610062214**	_	0001200002
SUPER 3000-2	08.74	0010 - 9999	2	2115834	2	2118129

^{*} Driving shaft $\,\cdot\,\,$ ** Gearbox $\,\cdot\,\,$ EP = Ergo Plus $\,\cdot\,\,$ SJ = SprayJet $\,\cdot\,\,$ IP = InLine Pave



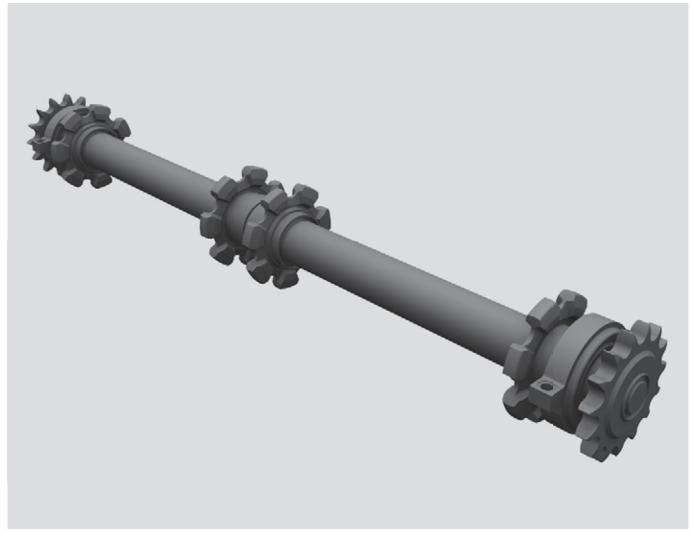
ORIGINAL VÖGELE DRIVING SHAFTS FOR CONVEYORS

Original Vögele driving shafts for conveyors to ensure efficient transmission of power and perfect conveyance of mix

Made of a material resistant to severe strain and thanks to manufacture for which tolerances are extremely tight, Vögele driving shafts stand out through remarkably long service lives even in tough continuous operation.

Our kit includes pre-assembled driving shafts. No time-consuming pre-assembly needs to be done at your end.







Machine type	Model	Series range	Driving shafts for c	conveyor
		3	left	right
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	2086138	
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	2086230	2085818
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999	2086201	2086181
SUPER 1203	07.11	0010 - 0160	4622082827	4622082828
301 LIT 1200	07.11	0161 - 9999	2004796	2004797
SUPER 1500	06.70	0010 - 9999	4622082022	4622082022
SUPER 1502	06.71	0010 - 9999	4622082022	4622082022
SUPER 1600	06.72, 06.82	0010 - 9999	4622082022	4622082022
SUPER 1603	06.73, 06.83	0010 - 9999	4622082022	4622082022
SUPER 1800	06.68	0010 - 9999	4622082022	4622082022
SUPER 1804	06.69	0010 - 9999	4622082022	4622082022
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 9999	4622082829	4622082829
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999	4622082829	4622082829
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999	4622082829	4622082829
SUPER 1600-2, SUPER 1800-2, SUPER 1800-2 SJ	11.82	0010 - 9999	4622082829	4622082829
SUPER 1800-2	12.82	0010 - 9999	4622082829	4622082829
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	4622082829	4622082829
SUPER 1903	02.18	0010 - 9999	4622082829	4622082829
SUPER 1900, SUPER 2100	06.19	0010 - 9999	4622082826	4622082826
SUPER 1900-2, SUPER 2100-2, SUPER 2100-2 IP	07.19	0010 - 9999	4622082826	4622082826
VISION 5100-2	13.82	0010 - 9999	4622082829	4622082829
VISION 5103-2	09.83	0010 - 9999	2087424	2087424
VISION 5200-2	07.74	0010 - 9999	4622082826	4622082826
VISION 5203-2	07.75	0010 - 9999	4622082826	4622082826
SUPER 2500	06.74	0010 - 9999	2026049	2026049
SUPER 3000-2	08.74	0010 - 9999	2164930	2164930

 $\mathsf{EP} = \mathsf{Ergo}\;\mathsf{Plus}\;\cdot\;\mathsf{SJ} = \mathsf{SprayJet}\;\cdot\;\mathsf{IP} = \mathsf{InLine}\;\mathsf{Pave}$



ORIGINAL VÖGELE SENSORS FOR FEED OF MIX OF THE CONVEYORS

For conveyor drives, proportional control is provided. When working in Automatic Mode, feed rates of conveyors are precisely controlled to match the current laydown rate. The level of mix is picked up as standard by mechanical sensors.

- Sensors for conveyors are located at the end of the conveyor tunnel right above the conveyors.
- Actual values are picked up by the sensors and passed on continuously to regulate conveyor drives.



- Proportional control is provided for the separate drives (left and right), i.e. feed rates of conveyors adapt automatically to match the actual level of mix.
- This ensures uniform spreading of the mix in front of the screed.
- The use of sensors is easy on your drives and economical.





Machine type	Model	Series range	Mechanical ser	Mechanical sensor		
macrime type	Wiodei	Series range	left	right		
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	2028964			
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	2042420			
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999	2042420			
		0010 - 0160	2454130120	2454130121		
SUPER 1203	07.11	0101 0000	3515180028			
		0161 - 9999	Potentiometer 247	2560031		
SUPER 1400	06.12	0010 - 9999				
SUPER 1402	06.11	0010 - 9999				
OUDED 1500	00.70	0010 - 0030	2454130027	2454130028		
SUPER 1500	06.70	0031 - 9999	2008643	2008644		
CUDED 1500	06.71	0010 - 0070	2454130027	2454130028		
SUPER 1502	06.71	0071 - 9999	2008643	2008644		
OLIDED 4000	00.70	0010 - 0058	2454130027	2454130028		
SUPER 1600	06.72	0059 - 9999	2008643	2008644		
SUPER 1600	06.82	0010 - 9999	2008643	2008644		
011050 4000	06.73	0010 - 9999	0000040	0000044		
SUPER 1603	06.83	0010 - 9999	2008643	2008644		
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 9999	2454130126	2454130127		
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999	2024928			
SUPER 1600-2, SUPER 1800-2, SUPER 1800-2 SJ	11.82	0010 - 9999	2042420	2042420		
SUPER 1800-2	12.82	0010 - 9999	2042420	2042420		
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999	2454130126	2454130127		
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	2042420	2042420		
		0010 - 0162	2454130027	2454130028		
SUPER 1800	06.68	0163 - 9999	2008643	2008644		
		0010 - 0099	2454130027	2454130028		
SUPER 1804	06.69	0100 - 9999	2008643	2008644		
		0010 - 0994	2454130120	2454130121		
SUPER 1900, SUPER 2100	06.19	0995 - 9999	2454130126	2454130127		
SUPER 1900-2, SUPER 2100-2, SUPER 2100-2 IP	07.19	0010 - 9999	2024928	2024928		
VISION 5100-2	13.82	0010 - 9999	2042420	2042420		
VISION 5103-2	09.83	0010 - 9999	2042420	2042420		
VISION 5200-2	07.74	0010 - 9999	2042420	2042420		
VISION 5203-2	07.75	0010 - 9999	2042420	2042420		
SUPER 2500	06.74	0010 - 9999	2454130068	2454130069		
SUPER 3000-2	08.74	0010 - 9999	2042420	2042420		

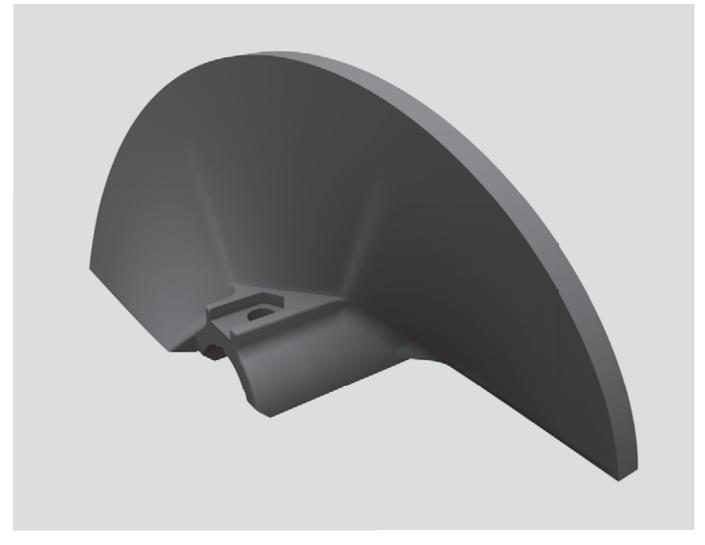
 $\mathsf{EP} = \mathsf{Ergo}\;\mathsf{Plus}\;\cdot\;\mathsf{SJ} = \mathsf{SprayJet}\;\cdot\;\mathsf{IP} = \mathsf{InLine}\;\mathsf{Pave}$



Thanks to their reinforced design, Vögele auger blades are highly resistant to breaking, even when working under the toughest conditions. The manufacture of auger blades to a very low degree of tolerance results in an excellent fit. Auger blades mount easily on the job site.

The variety of auger blade sizes (same diameter, varying diameter, smaller diameter towards the outsides) allows set-up of your auger in compliance with your particular requirements for spreading mix without segregation. An optimized contact surface with the auger shaft allows fitting free from tension.







				Auger blade					
Machine type	Model	Series range	Auger extension (Pave width)	Description	Ø (mm)	Quantity	Part No.		
			Basic auger	Auger gear shaft with vane left	250	1	4624701002		
			(1.1 m)	Auger gear shaft with vane right	250	1	4624701001		
SUPER BOY	06.90	0012 - 9999	0.25 m	Auger gear shaft with vane left	250	1	4624701004		
			(1.1 - 2.6 m)	Auger gear shaft with vane right	250	1	4624701003		
			Basic auger	Auger gear shaft with vane left	300	1	2178498		
			(1.1 m)	Auger gear shaft with vane right	300	1	2178495		
SUPER 600	07.90	0010 - 9999	Auger long 0.72 m	Auger gear shaft with vane left	300	1	2014270		
			(1.1 - 2.7 m)	Auger gear shaft with vane right	300	1	2014271		
			Basic auger	Auger gear shaft with vane left	300	1	2178498		
			(1.1 m)	Auger gear shaft with vane right	300	1	2178495		
SUPER 800	07.90	0010 - 9999	0010 - 9999	Auger long 0.72 m	Auger gear shaft with vane left	300	1	2014270	
			(1.1 - 3.2 m)	Auger gear shaft with vane right	300	1	2014271		
				Auger gear shaft with vane left	300	1	2053650		
			Basic auger	Auger gear shaft with vane right	300	1	2052810		
OLIDED 1100 0	00.44	0040 0000	(1.8 m)	End-piece left	300	1	2053702		
SUPER 1100-2	08.11	0010 - 9999		End-piece right	300	1	2052804		
			0.42 m	Auger gear shaft with vane left	300	1	2178498		
			(1.8 - 4.2 m)	Auger gear shaft with vane right	300	1	2178495		
				Auger gear shaft with vane left	300	1	2053650		
			Basic auger	Auger gear shaft with vane right	300	1	2052810		
011050 4400 0	00.44	2012 2000	(1.8 m)	End-piece left	300	1	2053702		
SUPER 1103-2	09.11	0010 - 9999		End-piece right	300	1	2052804		
			0.42 m	Auger gear shaft with vane left	300	1	2178498		
			(1.8 - 4.2 m)	Auger gear shaft with vane right	300	1	2178495		

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		Carias	A	Auger blade			
Machine type	Model	Series range	Auger extension (Pave width)	Description	Ø (mm)	Quantity	Part No.
				Auger blade left	300	4	4606302109
				Auger blade right	300	4	4606302110
			Basic auger (1.7 m)	Bolt		16	9516380931
			(Nut		16	9500161587
				Connecting auger blade		2	4918218064
				Auger blade left	300	2	4606302109
	0010 - 0160	0.25 m	Auger blade right	300	2	4606302110	
			(1.7 - 3.15 m)	Bolt		8	9516380931
			Nut		8	9500161587	
				Auger blade left	300	5	4606302109
	SUPER 1203 07.11		4 m	Auger blade right	300	5	4606302110
			(3.15 - 4 m)	Bolt		20	9516380931
011050 4000				Nut		20	9500161587
SUPER 1203			Auger blade left	300	4	2003451	
		Auger blade right	300	4	2003452		
			Basic auger (1.7 m)	Bolt		16	9516380931
			(,	Nut		16	9500161587
				Connecting auger blade		2	4918218064
				Auger blade left	300	2	2003451
		0161 - 9999	0.25 m	Auger blade right	300	2	2003452
			(1.7 - 3.15 m)	Bolt		8	9516380931
				Nut		8	9500161587
				Auger blade left	300	5	2003451
			4 m	Auger blade right	300	5	2003452
			(3.15 - 4 m)	Bolt		20	9516380931
				Nut		20	9500161587
				Auger gear shaft with vane left	300	1	2053650
			Basic auger	Auger gear shaft with vane right	300	1	2052810
			(1.8 m)	End-piece left	300	1	2053702
		0010 - 9999		End-piece right	300	1	2052804
SLIDED 1200 0	00 11	0010 - 9999	0.42 m	Auger gear shaft with vane left	300	1	2178498
30FEN 1300-2	SUPER 1300-2 08.11		(1.8 - 4.2 m)	Auger gear shaft with vane right	300	1	2178495
			0.72 m	Auger gear shaft with vane left	300	1	2014270
			(1.8 - 4.5 m)	Auger gear shaft with vane right	300	1	2014271
		0208 - 9999	0.97 m	Auger gear shaft with vane left	300	1	2069912
		0206 - 9999	(1.8 - 5 m)	Auger gear shaft with vane right	300	1	2069913



		Conic	A	Auger blade			
Machine type	Model	Series range	Auger extension (Pave width)	Description	Ø (mm)	Quantity	Part No.
				Auger gear shaft with vane left	300	1	2053650
			Basic auger	Auger gear shaft with vane right	300	1	2052810
		0010 0000	(1.8 m)	End-piece left	300	1	2053702
CLIDED 1000 0	00.11	0010 - 9999		End-piece right	300	1	2052804
SUPER 1303-2	09.11		0.42 m	Auger gear shaft with vane left	300	1	2178498
			(1.8 - 4.2 m)	Auger gear shaft with vane right	300	1	2178495
		0000 0000	0.72 m	Auger gear shaft with vane left	300	1	2014270
	0203 - 9999	(1.8 - 4.5 m)	Auger gear shaft with vane right	300	1	2014271	
				Auger blade left	300	4	4606302003
			Basic auger	Auger blade right	300	4	4606302004
			(2.5 m)	Inner auger blade		2	4606302011
			Connecting auger blade		2	4918218064	
			Auger blade left	300	2	4606302003	
			0.5 m	Auger blade right	300	2	4606302004
			(2.5 - 3.5 m)	Connecting auger blade left	300	1	4606302088
			Connecting auger blade right	300	1	4606302089	
SUPER 1500	06.70	0010 - 9999		Auger blade left	300	4	4606302003
30PEN 1300	00.70	0010 - 9999	0.75 m (3.5 - 4.5 m)	Auger blade right	300	4	4606302004
				Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	300	5	4606302003
				Auger blade left	400	2	4606302007
			5.5 m	Auger blade right	300	5	4606302004
			(5.5 - 6.5 m)	Auger blade right	400	2	4606302008
				Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	300	4	4606302003
			Basic auger	Auger blade right	300	4	4606302004
			(2.5 m)	Inner auger blade		2	4606302011
				Connecting auger blade		2	4918218064
				Auger blade left	300	2	4606302003
			0.5 m	Auger blade right	300	2	4606302004
			(2.5 - 3.5 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
SUPER 1502	06.71	0010 - 9999		Auger blade left	300	4	4606302003
30FLN 1302	00.71	0010 - 9999	0.75 m	Auger blade right	300	4	4606302004
			(3.5 - 4.5 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	300	5	4606302003
				Auger blade left	400	2	4606302007
			5.5 m	Auger blade right	300	5	4606302004
			(5.5 - 6.5 m)	Auger blade right	400	2	4606302008
				Connecting auger blade left	300	1	4918218064
				Connecting auger blade right	300	1	4606302089



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		Carrian	A	Auger blade			
Machine type	Model	Series range	Auger extension (Pave width)	Description	Ø (mm)	Quantity	Part No.
				Auger blade left	300	4	4606302003
			Basic auger	Auger blade right	300	4	4606302004
			(2.5 m)	Inner auger blade		2	4606302011
				Connecting auger blade		2	4918218064
				Auger blade left	300	2	4606302003
		0.5 m	Auger blade right	300	2	4606302004	
			(2.5 - 3.5 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	300	4	4606302003
		0.75 m	Auger blade right	300	4	4606302004	
			(3.5 - 4.5 m)	Connecting auger blade left	300	1	4606302088
0010 - 0133		Connecting auger blade right	300	1	4606302089		
		Auger blade left	300	5	4606302003		
		Auger blade left	400	2	4606302007		
	5.5 m	Auger blade right	300	5	4606302004		
	(5.5 - 6.5 m)	Auger blade right	400	2	4606302008		
				Connecting auger blade left	300	1	4606302088
		Connecting auger blade right	300	1	4606302089		
		Auger blade left	300	9	4606302003		
			Auger blade left	400	2	4606302007	
			7 m (7 m)	Auger blade right	300	9	4606302004
SUPER 1600	06.72			Auger blade right	400	2	4606302008
30FLN 1000	00.72			Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	400	4	4606302086
			Basic auger	Auger blade right	400	4	4606302087
			(2.5 m)	Inner auger blade		2	4606302011
				Connecting auger blade		2	2030745
				Auger blade left	300	2	4606302003
			0.5 m	Auger blade right	300	2	4606302004
			(2.5 - 3.5 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	300	4	4606302003
		0134 - 9999	0.75 m	Auger blade right	300	4	4606302004
		0104 - 3333	(3.5 - 4.5 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	400	7	4606302086
			5.5 m	Auger blade right	400	7	4606302087
			(5.5 - 6.5 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	400	11	4606302086
			7 m	Auger blade right	400	11	4606302087
			(7 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089



		Conice	Augus automain	Auger blade			
Machine type	Model	Series range	Auger extension (Pave width)	Description	Ø (mm)	Quantity	Part No.
				Auger blade left	400	4	4606302086
			Basic auger	Auger blade right	400	4	4606302087
			(2.5 m)	Inner auger blade		2	4606302011
				Connecting auger blade		2	2030745
				Auger blade left	300	2	4606302003
			0.5 m	Auger blade right	300	2	4606302004
			(2.5 - 3.5 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	300	4	4606302003
CLIDED 1600	06.82	0010 - 9999	0.75 m	Auger blade right	300	4	4606302004
SUPER 1600	00.62	0010 - 9999	(3.5 - 4.5 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	400	7	4606302086
			5.5 m	Auger blade right	400	7	4606302087
			(5.5 - 6.5 m)	Connecting auger blade left	300	1	4606302088
			Connecting auger blade right	300	1	4606302089	
			7 m (7 m)	Auger blade left	400	11	4606302086
				Auger blade right	400	11	4606302087
				Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	300	4	4606302003
			Basic auger	Auger blade right	300	4	4606302004
			(2.5 m)	Inner auger blade		2	4606302011
				Connecting auger blade		2	4918218064
				Auger blade left	300	2	4606302003
			0.5 m	Auger blade right	300	2	4606302004
			(2.5 - 3.5 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
SUPER 1603	06.73	0010 - 9999		Auger blade left	300	4	4606302003
301 EN 1003	00.75	0010 - 3333	0.75 m	Auger blade right	300	4	4606302004
			(3.5 - 4.5 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	300	5	4606302003
				Auger blade left	400	2	4606302007
			5.5 m	Auger blade right	300	5	4606302004
			(5.5 - 6.5 m)	Auger blade right	400	2	4606302008
				Connecting auger blade left	300	1	4918218064
				Connecting auger blade right	300	1	4606302089



		Corica	Augor outereien	Auger blade			
Machine type	Model	Series range	Auger extension (Pave width)	Description	Ø (mm)	Quantity	Part No.
				Auger blade left	400	4	4606302086
			Basic auger	Auger blade right	400	4	4606302087
			(2.5 m)	Inner auger blade		2	4606302011
				Connecting auger blade		2	4918218064
				Auger blade left	300	2	4606302003
			0.5 m	Auger blade right	300	2	4606302004
			(2.5 - 3.5 m)	Connecting auger blade left	300	1	4606302088
SUPER 1603	06.83	0010 - 9999		Connecting auger blade right	300	1	4606302089
SUPER 1003	00.63	0010 - 9999		Auger blade left	300	4	4606302003
			0.75 m	Auger blade right	300	4	4606302004
			(3.5 - 4.5 m)	Connecting auger blade left	300	1	4606302088
			Connecting auger blade right	300	1	4606302089	
			Auger blade left	400	7	4606302086	
			5.5 m (5.5 - 6.5 m)	Auger blade right	400	7	4606302087
		(5.		Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	400	4	4606302086
			Basic auger (2.5 m)	Auger blade right	400	4	4606302087
				Connecting auger blade		4	2030745
			0.5 m	Auger blade left	300	2	4606302003
			(2.5 - 5 m)	Auger blade right	300	2	4606302004
			1 m	Auger blade left	300	5	4606302003
			(5 - 6 m)	Auger blade right	300	5	4606302004
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 9999		Auger blade left	400	4	4606302086
				Auger blade right	400	4	4606302087
			4.6 m	Auger blade left	400	1	4606302115
			(6 - 7.5 m)	Auger blade right	400	1	4606302116
				Bolt		4	4618242237
				Nut		4	9500201587
			4.6 - 7.1 m	Auger blade left	400	11	4606302086
			(7.5 - 10 m)	Auger blade right	400	11	4606302087



		Carrian	Augor extension	Auger blade			
Machine type	Model	Series range	Auger extension (Pave width)	Description	Ø (mm)	Quantity	Part No.
				Auger blade left	400	4	4606302086
			Basic auger (2.5 m)	Auger blade right	400	4	4606302087
			,	Connecting auger blade		4	2030745
			0.5 m	Auger blade left	300	2	4606302003
			(2.5 - 5 m)	Auger blade right	300	2	4606302004
			1 m	Auger blade left	300	5	4606302003
	DUDED 4000 4 ED		(5 - 6 m)	Auger blade right	300	5	4606302004
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999		Auger blade left	400	4	4606302086
			Auger blade right	400	4	4606302087	
		4.6 m	Auger blade left	400	1	4606302115	
		(6 - 7.5 m)	Auger blade right	400	1	4606302116	
				Bolt		4	4618242237
				Nut		4	9500201587
			4.6 - 7.1 m (7.5 - 10 m)	Auger blade left	400	11	4606302086
				Auger blade right	400	11	4606302087
			Basic auger (2.5 m)	Auger blade left	400	4	4606302086
				Auger blade right	400	4	4606302087
				Connecting auger blade		4	2030745
			0.5 m	Auger blade left	300	2	4606302003
			(2.5 - 5 m)	Auger blade right	300	2	4606302004
			1 m	Auger blade left	300	5	4606302003
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999	(5 - 6 m)	Auger blade right	300	5	4606302004
				Auger blade left	400	4	4606302086
				Auger blade right	400	4	4606302087
			4.6 m	Auger blade left	400	1	4606302115
			(6 - 7.5 m)	Auger blade right	400	1	4606302116
				Bolt		4	4618242237
				Nut		4	9500201587

EP = Ergo Plus



		Corios	A	Auger blade			
Machine type	Model	Series range	Auger extension (Pave width)	Description	Ø (mm)	Quantity	Part No.
			Basic auger (2.5 m)	Auger blade left	400	4	4606302086
				Auger blade right	400	4	4606302087
				Connecting auger blade		4	2030745
			0.25 m	Auger blade left	400	1	4606302115
			(2.5 - 4 m)	Auger blade right	400	1	4606302116
			0.65 m	Auger blade left	400	3	4606302086
			(2.5 - 5 m)	Auger blade right	400	3	4606302087
011050 4000 0			1.0 m	Auger blade left	400	5	4606302086
SUPER 1600-2, SUPER 1800-2,		0010 - 9999	(5 - 6 m)	Auger blade right	400	5	4606302087
SUPER 1800-2 SJ	12.02			Auger blade left	400	4	4606302086
			Auger blade right	400	4	4606302087	
		4.6 m	Auger blade left	400	1	4606302115	
		(6 - 7.5 m)	Auger blade right	400	1	4606302116	
				Bolt		4	4618242237
				Nut		4	9500201587
			7.1 m (7.5 - 10 m)	Auger blade left	400	11	4606302086
				Auger blade right	400	11	4606302087
			Basic auger (2.5 m)	Auger blade left	400	4	4606302086
				Auger blade right	400	4	4606302087
				Connecting auger blade		4	2030745
			0.25 m	Auger blade left	400	1	4606302115
			(2.5 - 4 m)	Auger blade right	400	1	4606302116
			0.65 m	Auger blade left	400	3	4606302086
			(2.5 - 5 m)	Auger blade right	400	3	4606302087
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	1.0 m	Auger blade left	400	5	4606302086
201 211 1000 2			(5 - 6 m)	Auger blade right	400	5	4606302087
				Auger blade left	400	4	4606302086
				Auger blade right	400	4	4606302087
			4.6 m	Auger blade left	400	1	4606302115
			(6 - 7.5 m)	Auger blade right	400	1	4606302116
				Bolt		4	4618242237
				Nut		4	9500201587

SJ = SprayJet





		Carrian	Auger extension (Pave width)	Auger blade			
Machine type	Model	Series range		Description	Ø (mm)	Quantity	Part No.
			Basic auger (2.5 m)	Auger blade left	300	4	4606302003
				Auger blade right	300	4	4606302004
				Inner auger blade		2	4606302011
				Connecting auger blade		2	4918218064
			0.5 m	Auger blade left	300	2	4606302003
				Auger blade right	300	2	4606302004
			(2.5 - 3.5 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	300	4	4606302003
			0.75 m	Auger blade right	300	4	4606302004
			(3.5 - 4.5 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
		0010 - 0375		Auger blade left	300	5	4606302003
				Auger blade left	400	2	4606302007
			5.5 m	Auger blade right	300	5	4606302004
			(5.5 - 6.5 m)	Auger blade right	400	2	4606302008
				Connecting auger blade left	300	1	4606302088
			Connecting auger blade right	300	1	4606302089	
			Auger blade left	300	9	4606302003	
			Auger blade left	400	2	4606302007	
		7 m	Auger blade right	300	9	4606302004	
			(7 m)	Auger blade right	400	2	4606302008
				Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
SUPER 1800	06.68			Auger blade left	400	4	4606302086
			Basic auger	Auger blade right	400	4	4606302087
			(2.5 m)	Inner auger blade	400	2	4606302011
				Connecting auger blade		2	2030745
				Auger blade left	300	2	4606302003
			0.5 m	Auger blade right	300	2	4606302004
			(2.5 - 3.5 m)	Connecting auger blade left	300	1	4606302088
			(2.0 0.011)	Connecting auger blade right	300	1	4606302089
				Auger blade left	300	4	4606302003
			0.75	Auger blade right	300	4	4606302004
			0.75 m (3.5 - 4.5 m)	0			
			(0.0 4.011)	Connecting auger blade left	300	1	4606302088
		0376 - 9999		Connecting auger blade right	300	7	4606302089
			<i>5.5</i>	Auger blade left Auger blade right	400	7	4606302086
			5.5 m (5.5 - 6.5 m)	U U		7	4606302087
			(3.3 - 0.3 111)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
			_	Auger blade left	400	11	4606302086
			7 m	Auger blade right	400	11	4606302087
			(7 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	400	9	4606302086
			9 m	Auger blade right	400	9	4606302087
			(9 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089



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		Series Au	Aau autamaian	Auger blade			
Machine type	Model	range	Auger extension (Pave width)	Description	Ø (mm)	Quantity	Part No.
				Auger blade left	300	4	4606302003
			Basic auger	Auger blade right	300	4	4606302004
			(2.5 m)	Inner auger blade		2	4606302011
				Connecting auger blade		2	4918218064
				Auger blade left	300	2	4606302003
			0.5 m	Auger blade right	300	2	4606302004
			(2.5 - 3.5 m)	Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	300	4	4606302003
			0.75 m	Auger blade right	300	4	4606302004
			(3.5 - 4.5 m)	Connecting auger blade left	300	1	4606302088
011050 4004	00.00	0010 0000		Connecting auger blade right	300	1	4606302089
SUPER 1804	06.69	0010 - 9999		Auger blade left	300	5	4606302003
				Auger blade left	400	2	4606302007
			5.5 m	Auger blade right	300	5	4606302004
			(5.5 - 6.5 m)	Auger blade right	400	2	4606302008
				Connecting auger blade left	300	1	4606302088
			Connecting auger blade right	300	1	4606302089	
			7 m (7 m)	Auger blade left	300	9	4606302003
				Auger blade left	400	2	4606302007
				Auger blade right	300	9	4606302004
				Auger blade right	400	2	4606302008
				Connecting auger blade left	300	1	4606302088
				Connecting auger blade right	300	1	4606302089
				Auger blade left	400	4	4606302086
				Auger blade right	400	4	4606302087
				Auger blade left	400	1	4606302115
			Basic auger (2.5 m)	Auger blade right	400	1	4606302116
			(2.3111)	Bolt			4618242237
				Nut			9500201587
				Connecting auger blade		2	2030745
			0.5 m	Auger blade left	300	2	4606302003
			(2.5 - 5 m)	Auger blade right	300	2	4606302004
SUPER 1900	06.19	0010 - 9999	1 m	Auger blade left	300	5	4606302003
			(5 - 6 m)	Auger blade right	300	5	4606302004
				Auger blade left	400	4	4606302086
				Auger blade right	400	4	4606302087
			4.6 m	Auger blade left	400	1	4606302115
			(6 - 7.5 m)	Auger blade right	400	1	4606302116
				Bolt		4	4618242237
				Nut		4	9500201587
			4.6 - 7.1 m	Auger blade left	400	11	4606302086
			(7.5 - 10 m)	Auger blade right	400	11	4606302087



		Carrian	A	Auger blade			
Machine type	Model	Series range	Auger extension (Pave width)	Description	Ø (mm)	Quantity	Part No.
				Auger blade left	400	4	4606302086
				Auger blade right	400	4	4606302087
				Auger blade left	400	1	4606302115
			Basic auger (2.55 m)	Auger blade right	400	1	4606302116
			(=====	Bolt		4	4618242237
		0010 - 9999 0010 - 9999		Nut		4	9500201587
				Connecting auger blade		2	2030745
			0.65 m	Auger blade left	400	3	4606302086
			(2.55 - 5 m)	Auger blade right	400	3	4606302087
SUPER 1900-2	07.19	0010 - 9999	1.0 m	Auger blade left	400	5	4606302086
			(5 - 6 m)	Auger blade right	400	5	4606302087
				Auger blade left	400	4	4606302086
			Auger blade right	400	4	4606302087	
		4.6 m	Auger blade left	400	1	4606302115	
			(6 - 7.5 m)	Auger blade right	400	1	4606302116
				Bolt		4	4618242237
				Nut		4	9500201587
			4.6 - 7.1 m	Auger blade left	400	11	4606302086
			(7.5 - 10 m)	Auger blade right	400	11	4606302087
				Auger blade left	400	4	4606302086
			Basic auger	Auger blade right	400	4	4606302087
			(2.5 m)	Inner auger blade		2	4606302011
				Connecting auger blade		2	2030745
			0.5 m	Auger blade left	300	2	4606302003
			(2.5 - 5 m)	Auger blade right	300	2	4606302004
			1 m	Auger blade left	300	5	4606302003
SUPER 1903	02.18	0010 0000	(5 - 6 m)	Auger blade right	300	5	4606302004
30FEN 1903	02.10	0010 - 9999		Auger blade left	400	4	4606302086
				Auger blade right	400	4	4606302087
			4.6 m	Auger blade left	400	1	4606302115
			(6 - 7.5 m)	Auger blade right	400	1	4606302116
			Bolt		4	4618242237	
				Nut		4	9500201587
			4.6 - 7.1 m	Auger blade left	400	11	4606302086
			(7.5 - 10 m)	Auger blade right	400	11	4606302087



			A	Auger blade			
Machine type	Model	Series range	Auger extension (Pave width)	Description	Ø (mm)	Quantity	Part No.
				Auger blade left	480	4	4606302056
				Auger blade right	480	4	4606302055
				Auger blade left	480	1	4606302113
			Basic auger	Auger blade right	480	1	4606302114
			(2.5 m)	Connecting auger blade		2	2030745
				Bolt		4	4618242237
				Nut		20	9500201587
				Bolt		16	9520440931
			0.5 m	Auger blade left	400	2	4606302086
			(2.5 - 5 m)	Auger blade right	400	2	4606302087
			1 m	Auger blade left	400	5	4606302086
			(5 - 6 m)	Auger blade right	400	5	4606302087
			- 9999 4.6 m (6 - 7.5 m)	Auger blade left	480	4	4606302056
				Auger blade right	480	4	4606302055
SUPER 2100	06.19	0010 - 9999		Auger blade left	480	1	4606302113
				Auger blade right	480	1	4606302114
				Bolt		4	4618242237
				Nut		20	9500201587
				Bolt		16	9520440931
				Auger blade left	480	11	4606302056
			4.6 - 7.1 m	Auger blade right	480	11	4606302055
			(7.5 - 10 m)	Nut		44	9500201587
				Bolt		44	9520440931
				Auger blade left	480	11	4606302056
				Auger blade right	480	11	4606302055
			7.1 - 9.7 m	Auger blade left	480	1	4606302113
			(10 - 12.5 m)	Auger blade right	480	1	4606302114
				Nut		44	9500201587
				Bolt		44	9520440931



		Series	A	Auger blade			
Machine type	Model	range	Auger extension (Pave width)	Description	Ø (mm)	Quantity	Part No.
				Auger blade left	480	4	4606302056
				Auger blade right	480	4	4606302055
				Auger blade left	480	1	4606302113
			Basic auger	Auger blade right	480	1	4606302114
			(2.5 m)	Connecting auger blade		2	2030745
			Bolt		4	4618242237	
			Nut		20	9500201587	
			Bolt		16	9520440931	
		0.65 m	Auger blade left	400	3	4606302086	
	(2.5 - 5 m)	Auger blade right	400	3	4606302087		
	1.0 m (5 - 6 m)	Auger blade left	400	5	4606302086		
		Auger blade right	400	5	4606302087		
			9 4.6 m (6 - 7.5 m)	Auger blade left	480	4	4606302056
				Auger blade right	480	4	4606302055
SUPER 2100-2, SUPER 2100-2 IP	07.19	0010 - 9999		Auger blade left	480	1	4606302113
				Auger blade right	480	1	4606302114
				Bolt		4	4618242237
				Nut		20	9500201587
				Bolt		16	9520440931
				Auger blade left	480	11	4606302056
			4.6 - 7.1 m	Auger blade right	480	11	4606302055
			(7.5 - 10 m)	Nut		44	9500201587
				Bolt		44	9520440931
				Auger blade left	480	11	4606302056
				Auger blade right	480	11	4606302055
			7.1 - 9.7 m	Auger blade left	480	1	4606302113
			(10 - 12.5 m)	Auger blade right	480	1	4606302114
				Nut		44	9500201587
			Bolt		44	9520440931	

IP = InLine Pave

		Corico	Carias Augar aytansian	Auger blade			
Machine type	Model	Series range	Auger extension (Pave width)	Description	Ø (mm)	Quantity	Part No.
				Auger blade left	400	4	4606302086
				Auger blade right	400	4	4606302087
				Auger blade	400	4	2030745
				Clamping bush		2	4602202363
			Basic auger (2.6 m)	Nut		4	9500200934
			(2.0111)	Bolt		2	9520480931
				Bolt		2	9520520931
				Washer		4	9550210125
				Pipe		2	2075202
				Auger blade left	400	3	4606302086
VISION 5100-2	09.83	0010 - 9999		Auger blade right	400	3	4606302087
			0.65 m	Auger blade left	400	1	4606302115
			(2.6 - 5 m)	Auger blade right	400	1	4606302116
			Bolt		4	4618242237	
			Nut		4	9500201587	
		1.0 m	Auger blade left	400	5	4606302086	
			Auger blade right	400	5	4606302087	
			Auger blade left	400	1	4606302115	
			(5 - 6 m)	Auger blade right	400	1	4606302116
				Bolt		4	4618242237
				Nut		4	9500201587
				Auger blade left	400	4	4606302086
				Auger blade right	400	4	4606302087
				Auger blade	400	4	2030745
				Clamping bush		2	4602202363
			Basic auger	Nut		4	9500200934
			(2.6 m)	Bolt		2	9520480931
				Bolt		2	9520520931
				Washer		4	9550210125
				Pipe		2	2075202
				Auger blade left	400	3	4606302086
VISION 5103-2	09.83	0010 - 9999		Auger blade right	400	3	4606302087
			0.65 m	Auger blade left	400	1	4606302115
			(2.6 - 5 m)	Auger blade right	400	1	4606302116
				Bolt		4	4618242237
				Nut		4	9500201587
				Auger blade left	400	5	4606302086
				Auger blade right	400	5	4606302087
			1.0 m	Auger blade left	400	1	4606302115
			(5 - 6 m)	Auger blade right	400	1	4606302116
				Bolt		4	4618242237
				Nut		4	9500201587



		Sorios	Augor outensieu	Auger blade			
Machine type	Model	Series range	Auger extension (Pave width)	Description	Ø (mm)	Quantity	Part No.
				Auger blade left	400	4	4606302086
				Auger blade right	400	4	4606302087
				Auger blade left	400	1	4606302115
			Basic auger (3 m)	Auger blade right	400	1	4606302116
			(0 111)	Inner auger blade		2	2030745
				Bolt		4	4618242237
				Nut		4	9500201587
				Auger blade left	400	3	4606302086
			0.65 m	Auger blade right	400	3	4606302087
			(4.5 - 6 m)	Connecting auger blade left	400	1	4606302115
VISION 5200-2	07.74	0010 - 9999		Connecting auger blade right	400	1	4606302116
				Auger blade left	400	5	4606302086
			1.0 m	Auger blade right	400	5	4606302087
			(6 - 7 m)	Connecting auger blade left	400	1	460632115
			Connecting auger blade right	400	1	460632116	
			Auger blade left	400	4	4606302086	
				Auger blade right	400	4	4606302087
			4.6 m (7 - 7.5 m)	Auger blade left	400	1	4606302115
				Auger blade right	400	1	4606302116
				Bolt		4	4618242237
				Nut		4	9500201587
				Auger blade left	400	4	4606302086
				Auger blade right	400	4	4606302087
				Auger blade left	400	1	4606302115
			Basic auger (3 m)	Auger blade right	400	1	4606302116
			,	Connecting auger blade		2	2030745
				Bolt		4	4618242237
				Nut		4	9500201587
			0.65 m	Auger blade left	400	3	4606302086
VISION 5203-2	07.75	0010 - 9999	(4.5 - 6 m)	Auger blade right	400	3	4606302087
			1.0 m	Auger blade left	400	5	4606302086
			(6 - 7 m)	Auger blade right	400	5	4606302087
				Auger blade left	400	4	4606302086
				Auger blade right	400	4	4606302087
			4.6 m	Auger blade left	400	1	4606302115
			(7 - 7.5 m)	Auger blade right	400	1	4606302116
				Bolt		4	4618242237
				Nut		4	9500201587



		Sorios	A	Auger blade			
Machine type	Model	Series range	Auger extension (Pave width)	Description	Ø (mm)	Quantity	Part No.
				Auger blade left	480	5	4606302056
				Auger blade right	480	5	4606302055
			Basic auger (3 m)	Auger blade		4	2030745
			(3111)	Bolt		20	9520440931
				Nut		20	9500201587
				Auger blade left	300	2	4606302003
				Auger blade right	300	2	4606302004
			0.5 m	Connecting auger blade left		1	4606302058
			(3 - 4 m)	Connecting auger blade right		1	4606302057
			(5)	Bolt		4	9520540931
				Serrated lock washer		4	9512106798
				Nut		4	9500201587
				Auger blade left	300	4	4606302003
				Auger blade right	300	4	4606302004
			1 m	Connecting auger blade left		1	4606302058
			(4 - 5 m)	Connecting auger blade right		1	4606302057
			,	Bolt		4	9520540931
				Serrated lock washer		4	9512106798
				Nut	100	4	9500201587
		55.75.0	Auger blade left	480	4	4606302056	
			Auger blade right	480	4	4606302055	
			Connecting auger blade left		1	4606302058	
			5.5 - 7.5 m (5.5 - 7.5 m)	Connecting auger blade right		1	4606302057
				Bolt		4	9520540931
SUPER 2500	06.74	0010 0000		Serrated lock washer		4	9512106798
SUPER 2000	06.74	0010 - 9999		Bolt		16 20	9520440931
				Nut Auger blade left	480	11	9500201587
				Auger blade left	480	11	4606302056 4606302055
				Auger blade right Connecting auger blade left	400	1	4606302058
			8 - 10 m	Connecting auger blade right		1	4606302057
			(8 - 10 m)	Nut		48	9500201587
			(0 10111)	Bolt		44	9520440931
				Bolt		4	9520540931
				Serrated lock washer		4	9512106798
				Auger blade left	480	18	4606302056
				Auger blade right	480	18	4606302055
				Connecting auger blade left		1	4606302058
			10.5 - 12.5 m	Connecting auger blade right		1	4606302057
			(10.5 - 12.5 m)	Nut		76	9500201587
			,	Bolt		72	9520440931
				Bolt		4	9520540931
				Serrated lock washer		4	9512106798
				Auger blade left	480	5	4606302056
				Auger blade right	480	5	4606302055
				Connecting auger blade left		1	4606302058
			13 - 15 m	Connecting auger blade right		1	4606302057
			(13 - 15 m)	Nut		28	9500201587
				Bolt		24	9520440931
				Bolt		4	9520540931
				Serrated lock washer		4	9512106798



Machine type		Series range	Auger extension (Pave width)	Auger blade				
	Model			Description	Ø (mm)	Quantity	Part No.	
				Auger blade left	480	4	460630205	
				Auger blade right	480	4	460630205	
				Connecting auger blade left		2	460630211	
			Basic auger (3 m)	Connecting auger blade right		2	460630211	
				Bolt		16	952044093	
				Bolt for connecting auger blade		8	461824223	
				Nut		24	950020158	
				Auger blade left	400	3	460630206	
			0.65 m	Auger blade right	400	3	460630206	
			(3 - 4.3 m)	Bolt		6	952044093	
		0010 - 9999		Nut		6	950020158	
			1.0 m (4 - 5 m)	Auger blade left	400	5	460630206	
				Auger blade right	400	5	460630206	
				Bolt		10	952044093	
				Nut		10	950020158	
	08.74		4.6 m (5 - 7 m)	Auger blade left	480	4	460630205	
SUPER 3000-2				Auger blade right	480	4	460630205	
				Connecting auger blade left		1	460630211	
				Connecting auger blade right		1	460630211	
				Bolt		16	952044093	
				Bolt for connecting auger blade		4	461824223	
				Nut		20	950020158	
			7.1 m (7 - 9.7 m)	Auger blade left	480	11	460630205	
				Auger blade right	480	11	460630205	
				Connecting auger blade left		1	460630211	
				Connecting auger blade right		1	460630211	
				Bolt		44	952044093	
				Bolt for connecting auger blade		4	461824223	
				Nut		48	950020158	
			9.7 m (9.7 - 10.7 m)	Auger blade left	480	11	460630205	
				Auger blade right	480	11	460630205	
				Connecting auger blade left		1	460630211	
				Connecting auger blade right		1	460630211	
				Bolt		44	952044093	
				Bolt for connecting auger blade		4	461824223	
				Nut		48	950020158	
			10.7 m (10.7 - 14.3 m)	Components are not required.		10	000020100	
			(10.7 - 14.5 111)	Auger blade left	480	11	460630205	
				Auger blade right	480	11	460630205	
				Connecting auger blade left	400	1	460630203	
			14.3 m	Connecting auger blade right		1	460630211	
			(14.3 - 16 m)	Bolt		44		
				DOIL		44	952044093	
				Bolt for connecting auger blade		4	461824223	



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ORIGINAL VÖGELE LIMITING PLATES

The unique mounting system of Vögele limiting plates for the auger tunnel allows to precisely position in place and attach the plates.

Each plate easily suspends into the matching slots and fastens with just a few screws. Plates can be quickly fitted by only one person.

Folding limiting plates for the auger tunnel are available as an optional extra and are used for small pave widths preferably on AB extending screeds. They ensure an optimal flow of mix. There is no need to demount for transport of the machine.







	Model	Series range	Auger extension (Pave width)	Limiting plates for auger tunnel			
Machine type				Length (mm)	left	right	
SUPER 600, SUPER 700	07.90	0010 - 9999	2.7 (1.1 - 2.7 m)	448	2029768	2029767	
SUPER 800	07.90	0010 - 9999	2.7 (1.1 - 2.7 m)	448	2029768	2029767	
30FLN 000			3.2 (2.8 - 3.7 m)	833.5	2029688	2029687	
	07.11	0010 - 0160	0.25 m (1.7 - 3.15 m)	250	4602438178	4602438178	
SUPER 1203			4 m (3.15 - 4 m)	650	4602438214	4602438214	
301 LTT 1203	07.11	0161 - 9999	0.25 m (1.7 - 3.15 m)	250	2007165	2007166	
			4 m (3.15 - 4 m)	650	2007160	2007161	
		0010 - 9999	0.5 m (2.5 - 3.5 m)	250	4602442204	4602442205	
SUPER 1500	06.70			500	4602442206	4602442207	
			5.5 m (5.5 - 6.5 m)	1500	4602408445	4602408447	
			0.5 m (2.5 - 3.5 m)	250	4602442120	4602442121	
	06.71	0010 - 9999	0.5 m (2.5 - 3.5 m)	500	4602442081	4602442082	
			5.5 m (5.5 - 6.5 m)	1500	4602408445	4602408447	
SUPER 1502			0.5 m (2.5 - 3.5 m)	250	4602442204	4602442205	
				500	4602442206	4602442207	
			5.5 m (5.5 - 6.5 m)	1500	4602408445	4602408447	
			7 m (7 m)	2250	4602405609	4602405607	
	06.72	0010 - 0133	0.5 m (2.5 - 3.5 m)	250	4602442204	4602442205	
				500	4602442206	4602442207	
			5.5 m (5.5 - 6.5 m)	1500	4602409224	4602409226	
			7 m (7 m)	2250	4602409229	4602409231	
		0134 - 9999	0.5 m (2.5 - 3.5 m)	250	4602442204	4602442205	
SUPER 1600				500	4602442206	4602442207	
301 LIT 1000			5.5 m (5.5 - 6.5 m)	1500	4602409224	4602409226	
			7 m (7 m)	2250	4602409229	4602409231	
	06.82	0010 - 9999	0.5 m (2.5 - 3.5 m)	250	4602442204	4602442205	
				500	4602442206	4602442207	
			5.5 m (5.5 - 6.5 m)	1500	4602409224	4602409226	
			7 m (7 m)	2250	4602409229	4602409231	
	06.73	0010 - 9999	0.5 m (2.5 - 3.5 m)	250	4602442120	4602442121	
				500	4602442081	4602442082	
SUPER 1603			5.5 m (5.5 - 6.5 m)	1500	4602408445	4602408447	
301 LTI 1003		0010 - 9999	0.5 m (2.5 - 3.5 m)	250	4602442204	4602442205	
	06.83			500	4602442206	4602442207	
			5.5 m (5.5 - 6.5 m)	1500	4602409224	4602409226	



ORIGINAL VÖGELE LIMITING PLATES

Machine type		Series range	Auger extension	Limiting plates for auger tunnel			
	Model		Auger extension (Pave width)	Length (mm)	left	right	
SUPER 1600-1,			0.5 m (2.5 - 5 m)	500	4602438125	4602438126	
	07.00	0040 0000	1 m (5 - 6 m)	1000	4602438129	4602438130	
SUPER 1800-1	07.82	0010 - 9999	4.6 m (6 - 7.5 m)	1045	4602438109	4602438110	
			4.6 - 7.1 m (7.5 - 10 m)	1260	4602438113	4602438114	
			0.5 m (2.5 - 5 m)	500	4602438125	4602438126	
SUPER 1600-1 EP,	00.00	0010 0000	1 m (5 - 6 m)	1000	4602438129	4602438130	
SUPER 1800-1 EP	09.82	0010 - 9999	4.6 m (6 - 7.5 m)	1045	4602438109	4602438110	
			4.6 - 7.1 m (7.5 - 10 m)	1260	4602438113	4602438114	
			0.5 m (2.5 - 5 m)	500	4602438125	4602438126	
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999	1 m (5 - 6 m)	1000	4602438129	4602438130	
001 E11 1000 1			4.6 m (6 - 7.5 m)	1045	4602438109	4602438110	
			0.65 m (2.5 - 5 m)	650	2047814	2047826	
SUPER 1600-2,	11.82	0010 - 9999	1.2 m (5 - 6.5 m)	1225	2047276	2047319	
SUPER 1800-2, SUPER 1800-2 SJ	12.82		4.6 m (6 - 7.5 m)	1045	4602438109	4602438110	
00			7.1 m (7.5 - 10 m)	1260	4602438113	4602438114	
	08.83	0010 - 9999	0.65 m (2.5 - 5 m)	650	2047814	2047826	
SUPER 1603-2,			1.2 m (5 - 6.5 m)	1225	2047276	2047319	
SUPER 1803-2			4.6 m (6 - 7.5 m)	1045	4602438109	4602438110	
	06.68	0010 - 0375 0376 - 9999	0.5 m (2.5 - 3.5 m)	250	4602442204	4602442205	
				500	4602442206	4602442207	
			5.5 m (5.5 - 6.5 m)	1500	4602409224	4602409226	
			7 m (7 m)	2250	4602409229	4602409231	
SUPER 1800			0.5 m (2.5 - 3.5 m)	250	4602442204	4602442205	
				500	4602442206	4602442207	
			5.5 m (5.5 - 6.5 m)	1500	4602409224	4602409226	
			7 m (7 m)	2250	4602409229	4602409231	
			9 m (9 m)	3250	4602409530	4602409531	
	06.69	0010 - 9999	0.5 m (2.5 - 3.5 m)	250	4602442204	4602442205	
				500	4602442206	4602442207	
SUPER 1804			5.5 m (5.5 - 6.5 m)	1500	4602409224	4602409226	
			7 m (7 m)	2250	4602409229	4602409231	
		0010 - 9999	0.5 m (2.5 - 5 m)	500	4602436316	4602436317	
011050 4000	06.19		1 m (5 - 6 m)	1000	4602436319	4602436320	
SUPER 1900			4.6 m (6 - 7.5 m)	1045	4602436326	4602436327	
			4.6 - 7.1 m (7.5 - 10 m)	1260	4602436373	4602436374	
			0.65 m (2.5 - 5 m)	650	2041976	2041977	
OUDED 4000 0	07.19	0010 - 9999	1.0 m (5 - 6 m)	1000	2160214	2160253	
SUPER 1900-2			4.6 m (6 - 7.5 m)	1045	4602436326	4602436327	
			4.6 - 7.1 m (7.5 - 10 m)	1260	4602436373	4602436374	

 $\mathsf{EP} = \mathsf{Ergo}\;\mathsf{Plus}\;\cdot\;\mathsf{SJ} = \mathsf{SprayJet}$





Machine type	Model	Series range	Augar aytangian	Limiting plates for auger tunnel			
			Auger extension (Pave width)	Length (mm)	left	right	
			0.5 m (2.5 - 5 m)	500	4602438125	4602438126	
CLIDED 1000	00.10	0010 0000	1 m (5 - 6 m)	1000	4602438129	4602438130	
SUPER 1903	02.18	0010 - 9999	4.6 m (6 - 7.5 m)	1045	4602438109	4602438110	
			4.6 - 7.1 m (7.5 - 10 m)	1260	4602438113	4602438114	
			0.5 m (2.5 - 5 m)	500	4602436316	4602436317	
			1 m (5 - 6 m)	1000	4602436319	4602436320	
SUPER 2100	06.19	0010 - 9999	4.6 m (6 - 7.5 m)	1045	4602436326	4602436327	
			4.6 - 7.1 m (7.5 - 10 m)	1260	4602436373	4602436374	
			7.1 - 9.7 m (10 - 12.5 m)	1260	4602436373	4602436374	
			0.65 m (2.5 - 5 m)	650	2041976	2041977	
		0010 - 9999	1.0 m (5 - 6 m)	1000	2160214	2160253	
SUPER 2100-2, SUPER 2100-2 IP	07.19		4.6 m (6 - 7.5 m)	1045	4602436326	4602436327	
301 L112100-2 II			4.6 - 7.1 m (7.5 - 10 m)	1260	4602436373	4602436374	
			7.1 - 9.7 m (10 - 12.5 m)	1260	4602436373	4602436374	
V//010N15400.0	13.82	0010 - 9999	0.65 m (4.5 - 6 m)	650	2047814	2047826	
VISION 5100-2			1.0 m (6 - 7 m)	1000	4602438129	4602438130	
V//OION 5400 0	09.83	0010 - 9999	0.65 m (4.5 - 6 m)	650	2047814	2047826	
VISION 5103-2			1.0 m (6 - 7 m)	1000	4602438129	4602438130	
	07.74	0010 - 9999	0.65 m (4.5 - 6 m)	650	2047814	2047826	
VISION 5200-2			1.0 m (6 - 7 m)	1000	4602438129	4602438130	
			4.6 m (7 - 7.5 m)	1045	4602438109	4602438110	
	07.75	0010 - 9999	0.65 m (4.5 - 6 m)	650	2047814	2047826	
VISION 5203-2			1.0 m (6 - 7 m)	1000	4602438129	4602438130	
			4.6 m (7 - 7.5 m)	1045	4602438109	4602438110	
	06.74	0010 - 9999	0.5 m (3 - 4 m)	485	4602418176	4602418176	
			1 m (4 - 5 m)	235	4602418177	4602418177	
CLIDED OF OO			5.5 - 7.5 m (5.5 - 7.5 m)	1270	4602418179	4602418208	
SUPER 2500			8 - 10 m (8 - 10 m)	1270	4602418179	4602418208	
			10.5 - 12.5 m (10.5 - 12.5 m)	1270	4602418179	4602418208	
			13 - 15 m (13 - 15 m)	1270	4602418179	4602418208	
		0010 - 9999		250	4602436905	4602436906	
	08.74		0.65 m (3 - 4.3 m)	650	2041976	2041977	
			1.0 m (4 - 5 m)	1000	2160214	2160253	
CLIDED 2000 0			4.6 m (5 - 7 m)	831	2125454	2125380	
SUPER 3000-2			7.1 m (7 - 9.7 m)	1045	2126189	2126178	
			9.7 m (9.7 - 10.7 m)	1260	4602436373	4602436374	
			10.7 m (10.7 - 14.3 m)	1045	2126189	2126178	
			14.3 m (14.3 - 16 m)	1260	4602436373	4602436374	

 $\mathsf{IP} = \mathsf{InLine}\;\mathsf{Pave}$



ORIGINAL VÖGELE BRACINGS FOR AUGER EXTENSIONS

Horizontal and vertical bracings serve to stabilize the limiting plates for the auger tunnel and the auger shafts. Not used with shafts mounted overhung (no bearings at the extreme ends). Vertical bracings are attached to the centre auger box. Horizontal bracings are linked to the tractor unit's chassis in the front area. Screwed joints allow convenient fitting of bracings by only one person. Setting bracings precisely to the required lengths is just as easy.







		Series range	Auger extension (Pave width)	Vertical bracings		Horizontal bracings	
Machine type	Model			Quantity	Part No.	Quantity	Part No.
OUDED 4500	06.70	0010 - 9999	0.5 m (2.5 - 3.5 m)	Quantity	T dit No.	2	4617303318
SUPER 1500			5.5 m (5.5 - 6.5 m)	2	4618762159	2	4618762103
OLIDED 4500	06.71	0010 - 9999	0.5 m (2.5 - 3.5 m)			2	4617303879
SUPER 1502			5.5 m (5.5 - 6.5 m)	2	4618762159	2	4618762103
		0010 - 0133	0.5 m (2.5 - 3.5 m)			2	4617303318
			5.5 m (5.5 - 6.5 m)	2	4618762159	2	4618762037
	06.72		7 m (7 m)	2	4618762071	2	4618762070
		0134 - 9999	0.5 m			2	4617303318
SUPER 1600			5.5 m	2	4618762222	2	4618762037
			7 m	2	4618762225	2	4618762253
	06.82	0010 - 9999	0.5 m			2	4617303318
			5.5 m	2	4618762222	2	4618762037
			7 m	2	4618762225	2	4618762253
	06.73	0010 - 9999	0.5 m (2.5 - 3.5 m)			2	4617303879
SUPER 1603			5.5 m (5.5 - 6.5 m)	2	4618762159	2	4618762103
SUPER 1603	06.83	0010 - 9999	0.5 m (2.5 - 3.5 m)			2	4617303879
			5.5 m (5.5 - 6.5 m)	2	4618762222	2	4618762437
	07.82	0010 - 9999	0.5 m (2.5 - 5 m)			2	2004203
SUPER 1600-1, SUPER 1800-1			4.6 m (6 - 7.5 m)	2	4618762548	4	2004203
			4.6 - 7.1 m (7.5 - 10 m)	2	4618762549	4	2005390



ORIGINAL VÖGELE BRACINGS FOR AUGER EXTENSIONS

Machine type	Model	Series range	Auger extension	Vertical b	racings	Horizonta	l bracings
		Jones Taligo	(Pave width)	Quantity	Part No.	Quantity	Part No.
			0.5 m (2.5 - 5 m)			2	2004203
SUPER 1600-1 EP, SUPER 1800-1 EP 09.82	0010 - 9999	4.6 m (6 - 7.5 m)	2	4618762548	4	2004203	
			4.6 - 7.1 m (7.5 - 10 m)	2	4618762549	4	2005390
SUPER 1603-1,	07.83	0010 - 9999	0.5 m (2.5 - 5 m)			2	2004203
SUPER 1803-1	07.63	0010 - 9999	4.6 m (6 - 7.5 m)	2	4618762548	4	2004203
CLIDED 1600 0			0.65 m (2.5 - 5 m)			2	2004203
SUPER 1600-2, SUPER 1800-2, SUPER 1800-2 SJ	11.82 12.82	0010 - 9999	4.6 m (6 - 7.5 m)	2	4618762548	4	2004203
SUPEN 1000-2 SJ			7.1 m (7.5 - 10 m)	2	4618762549	4	2005390
SUPER 1603-2,	00.02	0010 0000	0.65 m (2.5 - 5 m)			2	2004203
SUPER 1803-2	08.83	0010 - 9999	4.6 m (6 - 7.5 m)	2	4618762548	4	2004203
		0010 - 0375	0.5 m (2.5 - 3.5 m)			2	4617303318
			5.5 m (5.5 - 6.5 m)	2	4618762159	2	4618762037
			7 m (7 m)	2	4618762071	2	4618762070
SUPER 1800	06.68		0.5 m (2.5 - 3.5 m)			2	4617303318
		0276 0000	5.5 m (5.5 - 6.5 m)	2	4618762222	2	4618762037
		0376 - 9999	7 m (7 m)	2	4618762225	2	4618762253
			9 m (9 m)	1	4617304965		
			0.5 m (2.5 - 3.5 m)			2	4617303318
SUPER 1804	06.69	0010 - 9999	5.5 m (5.5 - 6.5 m)	2	4618762159	2	4618762037
			7 m (7 m)	2	4618762071	2	4618762070
CUIDED 1000	06.19	0010 0000	4.6 m (6 - 7.5 m)			2	4618762473
SUPER 1900	06.19	0010 - 9999	4.6 - 7.1 m (7.5 - 10 m)	2	4618762477	2	4618762472
			1.2 m (5 - 6.5 m)			2	2046240
SUPER 1900-2	07.19	0010 - 9999	4.6 m (6 - 7.5 m)			2	4618762473
			4.6 - 7.1 m (7.5 - 10 m)	2	4618762477	2	4618762472
			0.5 m (2.5 - 5 m)			2	4618762547
SUPER 1903	02.18	0010 - 9999	4.6 m (6 - 7.5 m)	2	4618762548	4	4618762547
			4.6 - 7.1 m (7.5 - 10 m)	2	4618762549	4	4618762546

 $\mathsf{EP} = \mathsf{Ergo}\;\mathsf{Plus}\;\cdot\;\mathsf{SJ} = \mathsf{SprayJet}$





Machine type	Model	Series range	Auger extension	Vertical b	racings	Horizonta	l bracings
3,1		3	(Pave width)	Quantity	Part No.	Quantity	Part No.
			4.6 m (6 - 7.5 m)			2	4618762473
SUPER 2100	SUPER 2100 06.19 0010 - 9999	0010 - 9999	4.6 - 7.1 m (7.5 - 10 m)	2	4618762477	2	4618762472
			7.1 - 9.7 m (10 - 12.5 m)	2	4618762475	2	4618762471
			1.2 m (5 - 6.5 m)			2	2046240
SUPER 2100-2,	07.10	0010 0000	4.6 m (6 - 7.5 m)			2	4618762473
SUPER 2100-2 IP	07.19	0010 - 9999	4.6 - 7.1 m (7.5 - 10 m)	2	4618762477	2	4618762472
			7.1 - 9.7 m (10 - 12.5 m)	2	4618762475	2	4618762471
VISION 5100-2	13.82	0010 - 9999	0.65 m (4.5 - 6 m)			2	2089185
VISION 3100-2	13.62	0010 - 9999	1.2 m (6 - 7 m)			2	2089185
VISION 5103-2	09.83	0010 - 9999	0.65 m (4.5 - 6 m)			2	2004203
VISION 5105-2	09.63	0010 - 9999	1.2 m (6 - 7 m)			2	2004203
		0.65 m (4.5 - 6 m)			2	2071995	
VISION 5200-2	07.74	0010 - 9999	1.2 m (6 - 7 m)			2	2071995
			4.6 m (7 - 7.5 m)	2	4618762548	4	2071995
			0.65 m (4.5 - 6 m)			2	2071995
VISION 5203-2	07.75	0010 - 9999	1.2 m (6 - 7 m)			2	2071995
			4.6 m (7 - 7.5 m)	2	4618762548	4	2071995
			5.5 - 7.5 m (5.5 - 7.5 m)	2	4618762294	2	4618762311
SUPER 2500	06.74	0010 - 9999	8 - 10 m (8 - 10 m)	2	4618762295	2	4618762312
001 211 2000	00.74	0010 0000	10.5 - 12.5 m (10.5 - 12.5 m)	2	4618762296	2	4618762309
			13 - 15 m (13 - 15 m)			2	4618762310
			0.65 m (3 - 4.3 m)				
			1.0 m (4 - 5 m)			2	2125419
			4.6 m (5 - 7 m)	2	2054889	2	2125540
SUPER 3000-2	08.74	0010 - 9999	7.1 m (7 - 9.7 m)	2	2125811 2125585	2	2125790 2125808
			9.7 m (9.7 - 10.7 m)	2	2125958	2	2125954
			10.7 m (10.7 - 14.3 m)	2	2126229	2	2126238
			14.3 m (14.3 - 16 m)	2	2126306	2	2126378

IP = InLine Pave



ORIGINAL VÖGELE AUGER EXTENSIONS

The Vögele auger extension system allows to optimally configure your screed for any pave width.

Two variants exist for configuration, which are: "Variable Configuration" or "Optimized Flow of Mix".







Machine type	Model	Series range	Auger extension (Pave width)	Length (mm)	Part No.
SUPER 600, SUPER 700	07.90	0010 - 9999	2.7 m (1.1 - 2.7 m)	2 x 422	2051984
OUDED 000	07.00	0040 0000	2.7 m (1.1 - 2.7 m)	2 x 422	2051984
SUPER 800	07.90	0010 - 9999	3.2 m (2.8 - 3.2 m)	2 x 722.5	2030193
		0040 0400	0.25 m (1.7 - 3.15 m)	2 x 250	2007174
CURED 1000	07.11	0010 - 0160	4 m (3.15 - 4 m)	2 x 650	2007162
SUPER 1203	07.11	0101 0000	0.25 m (1.7 - 3.15 m)	2 x 250	2007174
		0161 - 9999	4 m (3.15 - 4 m)	2 x 650	2007162
			0.5 m (2.5 - 3.5 m)	2 x 500	4624200342
SUPER 1500	06.70	0010 - 9999	0.75 m (3.5 - 4.5 m)	2 x 750	4624200303
			5.5 m (5.5 - 6.5 m)	2 x 1500	2670650003
			0.5 m (2.5 - 3.5 m)	2 x 500	4624200305
SUPER 1502	06.71	0010 - 9999	0.75 m (3.5 - 4.5 m)	2 x 750	4624200303
			5.5 m (5.5 - 6.5 m)	2 x 1500	2670650003
			0.5 m (2.5 - 3.5 m)	2 x 500	4624200342
	06.72	0010 - 0133	0.75 m (3.5 - 4.5 m)	2 x 750	4624200303
			5.5 m (5.5 - 6.5 m)	2 x 1500	2668650003
			7 m (7 m)	2 x 2250	2668650004
			0.5 m (2.5 - 3.5 m)	2 x 500	4624200342
CUDED 1600		0134 - 9999	0.75 m (3.5 - 4.5 m)	2 x 750	4624200303
SUPER 1600			5.5 m (5.5 - 6.5 m)	2 x 1500	2668650005
			7 m (7 m)	2 x 2250	2668650008
			0.5 m (2.5 - 3.5 m)	2 x 500	4624200342
		0010 - 9999	0.75 m (3.5 - 4.5 m)	2 x 750	4624200303
	00.02	0010 - 9999	5.5 m (5.5 - 6.5 m)	2 x 1500	2668650005
			7 m (7 m)	2 x 2250	2668650008
			0.5 m (2.5 - 3.5 m)	2 x 500	4624200305
	06.73	0010 - 9999	0.75 m (3.5 - 4.5 m)	2 x 750	4624200303
SUPER 1603			5.5 m (5.5 - 6.5 m)	2 x 1500	2670650003
301 LI1 1003			0.5 m (2.5 - 3.5 m)	2 x 500	4624200349
	06.83	0010 - 9999	0.75 m (3.5 - 4.5 m)	2 x 750	4624200303
			5.5 m (5.5 - 6.5 m)	2 x 1500	2683650001
			0.5 m (2.5 - 3.5 m)	2 x 500	4624200342
		0010 - 0375	0.75 m (3.5 - 4.5 m)	2 x 750	4624200303
		0010-0375	5.5 m (5.5 - 6.5 m)	2 x 1500	2668650003
			7 m (7 m)	2 x 2250	2668650004
SUPER 1800	06.68		0.5 m (2.5 - 3.5 m)	2 x 500	4624200342
			0.75 m (3.5 - 4.5 m)	2 x 750	4624200303
		0376 - 9999	5.5 m (5.5 - 6.5 m)	2 x 1500	2668650005
			7 m (7 m)	2 x 2250	2668650008
			9 m (9 m)	2 x 3250	2668650011

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ORIGINAL VÖGELE AUGER EXTENSIONS

Machine type	Model	Series range	Auger extension (Pave width)	Length (mm)	Part No.
	27.00		0.5 m (2.5 - 5 m)	2 x 500	2005072
SUPER 1600-1,		0010 0000	1 m (5 - 6 m)	2 x 1000	4624200369
SUPER 1800-1	07.82	0010 - 9999	4.6 m (6 - 7.5 m)	2 x 1045	2005051
			4.6 - 7.1 m (7.5 - 10 m)	2 x 2300	2005404
			0.5 m (2.5 - 5 m)	2 x 500	2005072
SUPER 1600-1 EP,	00.00	0010 0000	1 m (5 - 6 m)	2 x 1000	4624200369
SUPER 1800-1 EP	09.82	0010 - 9999	4.6 m (6 - 7.5 m)	2 x 1045	2005051
			4.6 - 7.1 m (7.5 - 10 m)	2 x 2300	2005404
			0.5 m (2.5 - 5 m)	2 x 500	2005072
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999	1 m (5 - 6 m)	2 x 1000	4624200369
			4.6 m (6 - 7.5 m)	2 x 1045	2005051
		0010 - 9999	0.25 m (2.5 - 4 m)		2047248
CUDED 1600 0	11.82 12.82		0.65 m (2.5 - 5 m)	2 x 650	2047827
SUPER 1600-2, SUPER 1800-2,			1.0 m (5 - 6 m)	2 x 1000	2160119
SUPER 1800-2 SJ			4.6 m (6 - 7.5 m)	2 x 1045	2049273
			7.1 m (7.5 - 10 m)	2 x 2300	2049278
			0.25 m (2.5 - 4 m)		2047248
SUPER 1603-2,		0040 0000	0.65 m (2.5 - 5 m)	2 x 650	2047827
SUPER 1803-2	08.83	0010 - 9999	1.0 m (5 - 6 m)	2 x 1000	2160119
			4.6 m (6 - 7.5 m)	2 x 1045	2049273
			0.5 m (2.5 - 3.5 m)	2 x 500	4624200342
OUDED 4004	00.00	0040 0000	0.75 m (3.5 - 4.5 m)	2 x 750	4624200303
SUPER 1804	06.69	0010 - 9999	5.5 m (5.5 - 6.5 m)	2 x 1500	2668650003
			7 m (7 m)	2 x 2250	2668650004
			0.5 m (2.5 - 5 m)	2 x 500	4624200363
CLIDED 1000	06.10	0010 0000	1 m (5 - 6 m)	2 x 1000	4624200361
SUPER 1900	06.19	0010 - 9999	4.6 m (6 - 7.5 m)	2 x 1045	2618650012
			4.6 - 7.1 m (7.5 - 10 m)	2 x 2300	2618650013
			0.65 m (2.5 - 5 m)	2 x 650	2041975
CLIDED 1000 0	07.10	0010 0000	1.0 m (5 - 6 m)	2 x 1000	2160210
SUPER 1900-2	07.19	0010 - 9999	4.6 m (6 - 7.5 m)	2 x 1045	2046395
			4.6 - 7.1 m (7.5 - 10 m)	2 x 2300	2618650013

 $\mathsf{EP} = \mathsf{Ergo}\;\mathsf{Plus}\;\cdot\;\mathsf{SJ} = \mathsf{SprayJet}$





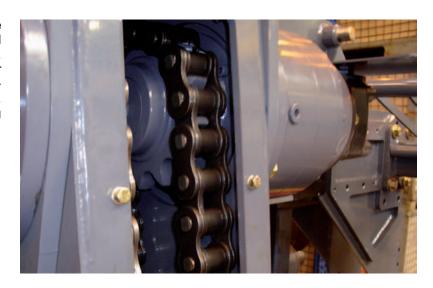
Machine type	Model	Series range	Auger extension (Pave width)	Length (mm)	Part No.
			0.5 m (2.5 - 5 m)	2 x 500	4624200370
	00.40	0040 0000	1 m (5 - 6 m)	2 x 1000	4624200369
SUPER 1903	02.18	0010 - 9999	4.6 m (6 - 7.5 m)	2 x 1045	2620650001
			4.6 - 7.1 m (7.5 - 10 m)	2 x 2300	2620650002
			0.5 m (2.5 - 5 m)	2 x 500	4624200364
			1 m (5 - 6 m)	2 x 1000	4624200360
SUPER 2100	06.19	0010 - 9999	4.6 m (6 - 7.5 m)	2 x 1045	2619650012
			4.6 - 7.1 m (7.5 - 10 m)	2 x 2300	2619650013
			7.1 - 9.7 m (10 - 12.5 m)	2 x 2300	2619650014
			0.65 m (2.5 - 5 m)	2 x 650	2042029
			1.0 m (5 - 6 m)	2 x 1000	2160211
SUPER 2100-2, SUPER 2100-2 IP	07.19	0010 - 9999	4.6 m (6 - 7.5 m)	2 x 1045	2046393
001 2112100 2 11			4.6 - 7.1 m (7.5 - 10 m)	2 x 2300	2619650013
			7.1 - 9.7 m (10 - 12.5 m)	2 x 2300	2619650014
V//OION 5400 0	40.00	0010 0000	0.65 m (2.6 - 5 m)	2 x 650	2089188
VISION 5100-2	DN 5100-2 13.82	0010 - 9999	1.0 m (5 - 6 m)	2 x 1000	2160119
VICIONI 5100 0	00.00	0010 0000	0.65 m (2.6 - 5 m)	2 x 650	2117254
VISION 5103-2	09.83	0010 - 9999	1.0 m (5 - 6 m)	2 x 1000	2160119
			0.65 m (4.5 - 6 m)	2 x 650	2072059
VISION 5200-2	07.74	0010 - 9999	1.0 m (6 - 7 m)	2 x 1000	2160119
			4.6 m (7 - 7.5 m)	2 x 1045	2047647
			0.65 m (4.5 - 6 m)	2 x 650	2072059
VISION 5203-2	07.75	0010 - 9999	1.0 m (6 - 7 m)	2 x 1000	2160119
			4.6 m (7 - 7.5 m)	2 x 1045	2047647
			0.5 m (3 - 4 m)	1 x 500	2025050 (left)
			1 m (4 - 5 m)	2 x 1000	4624200325 (left)
SUPER 2500	06.74	0010 - 9999	5.5 - 7.5 m (5.5 - 7.5 m)	2 x 1075	2674650027
30FER 2300	00.74	0010 - 9999	8 - 10 m (8 - 10 m)	2 x 2345	2674650024
			10.5 - 12.5 m (10.5 - 12.5 m)	2 x 3615	2674650021
			13 - 15 m (13 - 15 m)	2 x 1270	2674650030
			0.65 m (3 - 4.3 m)	2 x 650	2042029
			1.0 m (4 - 5 m)	2 x 1000	2171404
			4.6 m (5 - 7 m)	2 x 1045	2125687
SUPER 3000-2	08.74	0010 - 9999	7.1 m (7 - 9.7 m)	2 x 2305	2125777
			9.7 m (9.7 - 10.7 m)	2 x 2305	2125942
			10.7 m (10.7 - 14.3 m)		2126253
			14.3 m (14.3 - 16 m)	2 x 2305	2126394

 $\mathsf{IP} = \mathsf{InLine}\;\mathsf{Pave}$



ORIGINAL VÖGELE CHAIN WHEELS AND ROLLER CHAINS

Vögele chain wheels and roller chains are made of a highly wear resistant material and for their manufacture, tolerances are very tight. Thus, the chains are unsusceptible to major elongation. They guarantee optimal transmission of power, smooth running and low wear. This way, they provide for powerful spreading of mix during a long service life.







Machine tune	Model	Sovies von as	Chain wheel a	uger
Machine type	Model	Series range	Quantity	Part No.
SUPER 600, SUPER 700, SUPER 800	07.90	0015 - 9999	2	2014113
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	2	2052040
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999	2	2052040
SUPER 1203	07.11	0010 - 9999	2	4610062271
SUPER 1400	06.12	0010 - 9999	2	4610062193
SUPER 1402	06.11	0010 - 9999	2	4610062193
SUPER 1500	06.70	0010 - 9999	2	4610062176
SUPER 1502	06.71	0010 - 9999	2	4610062176
SUPER 1600	06.72	0010 - 9999	2	4610062176
OUDED 4000	06.73	0010 - 9999	2	4610062176
SUPER 1603	06.83	0010 - 9999	2	4610062176
OUDED 1000 1 OUDED 1000 1	07.00	0010 - 0118	2	4610062176
SUPER 1600-1, SUPER 1800-1	07.82	0119 - 9999	2	2013963
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999	2	2013963
OUDED 1000 1 OUDED 1000 1	07.00	0010 - 0113	2	4610062176
SUPER 1603-1, SUPER 1803-1	07.83	0114 - 9999	2	2013963
SUPER 1600-2, SUPER 1800-2, SUPER 1800-2 SJ	11.82 12.82	0010 - 9999	2	2013963
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	2	2013963
SUPER 1800	06.68	0010 - 9999	2	4610062176
SUPER 1804	06.69	0010 - 9999	2	4610062176
SUPER 1900	06.19	0010 - 0525	2	Chain wheel with bearing 4610062269
		0526 - 9999	2	2008954
SUPER 1900-2	07.19	0010 - 9999	2	2008954
SUPER 1903	02.18	0010 - 9999	2	4610062176
SUPER 2100	06.19	0010 - 0525	2	Chain wheel with bearing 4610062270
		0526 - 9999	2	2008954
SUPER 2100-2	07.19	0010 - 9999	2	2008954
SUPER 2100-2 IP	07.19	0727 - 9999	2	2008954
SUPER 2500	06.74	0010 - 9999	2	4610062207
CLIDED 2000 C	00.74	0010 0000	1	2118096
SUPER 3000-2	08.74	0010 - 9999	1	2118097

 $\mathsf{EP} = \mathsf{Ergo} \; \mathsf{Plus} \; \cdot \; \mathsf{SJ} = \mathsf{SprayJet} \; \cdot \; \mathsf{IP} = \mathsf{InLine} \; \mathsf{Pave}$



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ORIGINAL VÖGELE CHAIN WHEELS AND ROLLER CHAINS

			Chain wheel, gear box		
Machine type	Model	Series range	Quantity	Part No.	
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	2	2014304	
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	2	4610062263	
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999	2	4610062263	
SUPER 1203	07.11	0010 - 9999	2	4610062263	
SUPER 1400	06.12	0010 - 9999	2	4610062201	
CUDED 1400	06.11	0010 - 0026	2	4610062204	
SUPER 1402	06.11	0027 - 9999	2	4610062201	
SUPER 1500	06.70	0010 - 0131	2	4610062175	
30FEN 1300	06.70	0132 - 9999	2	4610062220	
SUPER 1502	06.71	0010 - 0251	2	4610062175	
30FEN 1302	06.71	0252 - 9999	2	4610062220	
SUPER 1600	06.72	0010 - 9999	2	4610062175	
30FEN 1000	06.82	0010 - 9999	2	4610062220	
SUPER 1603	06.73	0010 - 9999	2	4610062220	
30FEN 1003	06.83	0010 - 9999	2	4610062220	
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 0118	2	4610062220	
30FLN 1000-1, 30FLN 1000-1	07.02	0119 - 9999	2	4610062175*	
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999	2	4610062220 4610062175*	
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999	2	4610062220	
SUPER 1600-2, SUPER 1800-2, SUPER 1800-2 SJ	11.82 12.82	0010 - 9999	2	4610062220 4610062175*	
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	2	4610062220	
SUPER 1800	06.68	0010 - 9999	2	4610062175	
		0010 - 0100	2	4610062175	
SUPER 1804	06.69	0101 - 0298	2	3301120055	
		0299 - 9999	2	4610062220	
OUDED 1000	00.40	0010 - 0525	2	4610062246	
SUPER 1900	06.19	0526 - 9999	2	4610062274	
SUPER 1900-2	07.19	0010 - 9999	2	4610062274	
SUPER 1903	02.18	0010 - 9999	2	4610062220	
OUDED 0400	00.40	0010 - 0525	2	4610062247	
SUPER 2100	06.19	0526 - 9999	2	4610062273	
SUPER 2100-2	07.19	0010 - 9999	2	4610062273	
SUPER 2100-2 IP	07.19	0727 - 9999	2	4610062273	
VISION 5100-2	13.82	0010 - 9999	2	4610062220	
VISION 5103-2	09.83	0010 - 9999	2	4610062220	
VISION 5200-2	07.74	0010 - 9999	2	4610062220	
VISION 5203-2	07.75	0010 - 9999	2	4610062220	
SUPER 2500	06.74	0010 - 9999	2	4610062206	
SUPER 3000-2	08.74	0010 - 9999	2	2115834	

^{*} Only for SUPER 1800-1, SUPER 1800-1 EP, SUPER 1800-2, SUPER 1800-2 SJ \cdot EP = Ergo Plus \cdot SJ = SprayJet \cdot IP = InLine Pave





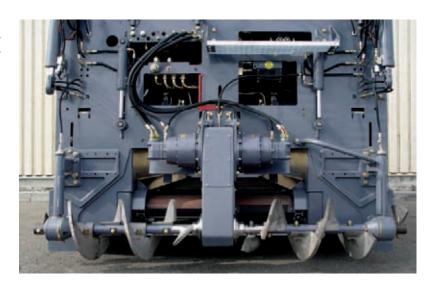
Machine type	Model	Corios vanas	Chain wh	eel, return pulley	Roller chains	
Machine type	Model	Series range	Quantity	Part No.	Quantity	Part No.
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999			2	2014367
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999			2	2086375
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999			2	2086371
SUPER 1203	07.11	0010 - 9999			2	3301193066
SUPER 1400	06.12	0010 - 9999			2	3301100050
SUPER 1402	06.11	0010 - 9999			2	3301100050
		0010 - 0062	2	4610062185	2	3301120056
SUPER 1500	06.70	0063 - 9999	2	4610062185	2	330112005
		0010 - 0090	2	4610062185	2	3301120056
SUPER 1502	06.71	0091 - 9999	2	4610062185	2	330112005
		0010 - 0083	2	4610062185	2	3301120056
	06.72	0084 - 0133	2	4610062185	2	3301120055
SUPER 1600		0134 - 9999			2	2026963
	06.82	0010 - 9999			2	2026963
	06.73	0010 - 9999	2	4610062185	2	3301120055
SUPER 1603	06.83	0010 - 9999			2	2026963
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 9999			2	2026963
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999			2	2026963
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999			2	2026963
SUPER 1600-2, SUPER 1800-2, SUPER 1800-2 SJ	11.82 12.82	0010 - 9999			2	2026963
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999			2	2026963
		0010 - 0240	2	4610062185	2	3301120056
SUPER 1800	06.68	0241 - 0375	2	4610062185	2	3301120055
		0376 - 9999			2	2026963
		0010 - 0100	2	4610062185	2	3301120056
SUPER 1804	06.69	0101 - 9999	2	4610062185	2	330112005
		0010 - 0525			2	3301120058
SUPER 1900	06.19	0526 - 9999			2	3301120062
SUPER 1900-2	07.19	0010 - 9999			2	3301120062
SUPER 1903	02.18	0010 - 9999			2	2026963
		0010 - 0525			2	3301192058
SUPER 2100	06.19	0526 - 9999			2	3301192062
SUPER 2100-2	07.19	0010 - 9999			2	3301192062
SUPER 2100-2 IP	07.19	0727 - 9999			2	3301192062
VISION 5100-2	13.82	0010 - 9999			2	2026963
VISION 5103-2	09.83	0010 - 9999			2	2026963
VISION 5200-2	07.74	0010 - 9999			2	2026963
VISION 5203-2	07.75	0010 - 9999			2	2026963
SUPER 2500	06.74	0010 - 9999			2	330123004
SUPER 3000-2	08.74	0010 - 9999			2	2118129

 $\mathsf{EP} = \mathsf{Ergo}\;\mathsf{Plus}\;\cdot\;\mathsf{SJ} = \mathsf{SprayJet}\;\cdot\;\mathsf{IP} = \mathsf{InLine}\;\mathsf{Pave}$



ORIGINAL VÖGELE SERVICE PACKAGES FOR AUGER BLADES

Our service package, tailored to your augers in basic screed width, includes a set of auger blades complete with bolts and nuts. In other words, all you need for complete or partial exchange.







Machine type	Model	Series range	Part No.
SUPER 1203	07.11	0010 - 9999	2013192
SUPER 1400	06.12	0010 - 9999	2013193
SUPER 1402	06.11	0010 - 9999	2013193
SUPER 1500	06.70	0010 - 9999	2013194
SUPER 1502	06.71	0010 - 9999	2013194
	06.72	0010 - 0133	2013194
SUPER 1600	00.72	0134 - 9999	2013195
	06.82	0010 - 9999	2013195
CUIDED 4000	06.73	0010 - 9999	2013194
SUPER 1603	06.83	0010 - 9999	2013195
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 9999	2013195
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999	2013195
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999	2013195
SUPER 1600-2, SUPER 1800-2, SUPER 1800-2 SJ	11.82	0010 - 9999	2013195
SUPER 1800-2	12.82	0010 - 9999	2013195
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	2013195
CUPED 1990	06.60	0010 - 0375	2013194
SUPER 1800	06.68	0376 - 9999	2013195
SUPER 1804	06.69	0010 - 9999	2013194
SUPER 1900	06.19	0010 - 9999	2013196
SUPER 1900-2	07.19	0010 - 9999	2013196
SUPER 1903	02.18	0010 - 9999	2013195
SUPER 2100	06.19	0010 - 9999	2013197
SUPER 2100-2, SUPER 2100-2 IP	07.19	0010 - 9999	2013197
VISION 5100-2	13.82	0010 - 9999	2013195
VISION 5103-2	09.83	0010 - 9999	2013195
VISION 5200-2	07.74	0010 - 9999	2091414
VISION 5203-2	07.75	0010 - 9999	2091414
SUPER 2500	06.74	0010 - 9999	2013198
SUPER 3000-2	08.74	0010 - 9999	2164933

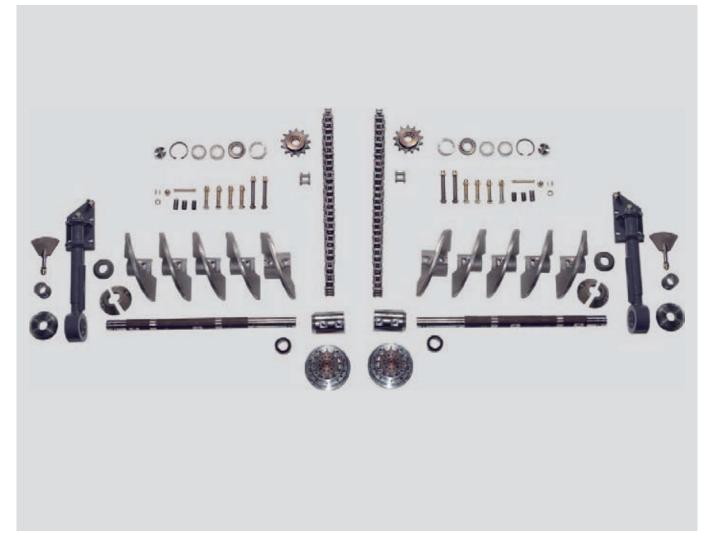
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ORIGINAL VÖGELE SERVICE PACKAGES FOR AUGERS

The service package includes all parts you need for your augers in basic screed width: from auger shafts and auger blades through to bearings, drive chains and chain wheels. In other words, all you need for complete or partial exchange of your augers.







Machine type	Model	Series range	Part No.
CLIDED COO CLIDED 700 CLIDED 200	07.90	0010 - 0014	2211984
SUPER 600, SUPER 700, SUPER 800	07.90	0015 - 9999	2198659
CURED 1000	07.11	0010 - 0160	4617500100
SUPER 1203	07.11	0161 - 9999	2046959
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	2204813
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999	2198699
SUPER 1400	06.12	0010 - 9999	4617500080
OLIDED 4 400	00.11	0010 - 0026	4617500081
SUPER 1402	06.11	0027 - 9999	4617500080
		0010 - 0062	4617500082
SUPER 1500	06.70	0063 - 0131	4617500083
		0132 - 9999	4617500084
		0010 - 0090	4617500082
SUPER 1502	06.71	0091 - 0251	4617500083
		0252 - 9999	4617500084
		0010 - 0083	4617500082
	06.72	0084 - 0133	4617500083
SUPER 1600		0134 - 9999	4617500085
	06.82	0010 - 9999	4617500086
	06.73	0010 - 9999	4617500084
SUPER 1603	06.83	0010 - 9999	4617500086
		0010 - 0118	2013189
SUPER 1600-1	07.82	0119 - 9999	2032089
SUPER 1600-1 EP	09.82	0010 - 9999	2032089
		0010 - 0118	2146796
SUPER 1800-1	07.82	0119 - 9999	2091731
SUPER 1800-1 EP	09.82	0010 - 9999	2091731
		0010 - 0113	2013189
SUPER 1603-1, SUPER 1803-1	07.83	0114 - 9999	2032089
SUPER 1600-2	11.82	0010 - 9999	2032089
SUPER 1800-2, SUPER 1800-2 SJ	11.82, 12.82	0010 - 9999	2091731
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	2091731
		0010 - 0240	4617500087
SUPER 1800	06.68	0241 - 0375	4617500088
		0376 - 9999	4617500085
		0010 - 0100	4617500087
SUPER 1804	06.69	0101 - 0298	4617500088
		0299 - 9999	4617500089
		0010 - 0525	4617500097
SUPER 1900	06.19	0526 - 9999	2013206
SUPER 1900-2	07.19	0010 - 9999	2198311
SUPER 1903	02.18	0010 - 9999	2013189
		0010 - 0525	4617500098
SUPER 2100	06.19	0526 - 9999	2013207
SUPER 2100-2	07.19	0010 - 9999	2198287
SUPER 2100-2 IP	07.19	0727 - 9999	2198287
VISION 5100-2	13.82	0010 - 9999	2172217
	09.83	0010 - 9999	2172217
VISION 5103-2	00.00		
	07 74	()()7() - 9999	209179h
VISION 5200-2	07.74 07.75	0010 - 9999	2091796
VISION 5103-2 VISION 5200-2 VISION 5203-2 SUPER 2500	07.74 07.75 06.74	0010 - 9999 0010 - 9999 0010 - 9999	2091796 2091796 4617500092

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ORIGINAL VÖGELE SENSORS FOR FEED OF MIX OF THE AUGERS

For auger drives, proportional control is provided. When working in Automatic Mode, speeds of augers are precisely controlled to match the current laydown rate.

The level of mix is picked up as standard by mechanical sensors.

- Sensors for augers are located in the auger tunnel at the extreme ends of the screed.
- Actual values picked up by the sensors are passed on continuously to regulate auger drives.
- Proportional control is provided for the separate drives (left and right sides), i.e. speeds of augers adapt automatically to the actual levels of mix.
- This ensures uniform spreading of the mix in front of the screed.
- The use of sensors is easy on your drives and economical.

For pick-up of actual values, sonic sensors are available as an option:

- Level of mix picked up more accurately by sonic technology.
- Non-contacting operation, thus no wear.









Machine true	Madal	Carias vanas	Mechanical	sensor	Ultrasonic s	ensor	
Machine type	Model	Series range	left	right	left	right	Spiral cable
SUPER BOY	06.90	0010 - 9999	3515042841	3515042840			
CLIDED COO			2028964	2028964	2013495	2013495	2035353
SUPER 600, SUPER 800	07.90	0010 - 9999	Spiral cable 2035932				
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	2042420	2042420	2013496	2013496	2028733
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999	2042420	2042420	2013496	2013496	2028733
		0010 - 0088	2454130070	2454130071	2454130067	2454130067	2460770070
SUPER 1203	07.11	0089 - 0212	2001369	2001370	2454130067	2454130067	2460770070
		0213 - 9999	2001369	2001370	2013496	2013496	2460770070
SUPER 1400	06.12	0010 - 9999	2454130025	2454130026	2454130057	2454130057	2460770063
SUPER 1402	06.11	0010 - 9999	2454130025	2454130026	2454130057	2454130057	2460770063
SUPER 1500	06.70	0010 - 9999	2454130025	2454130026			
SUPER 1502	06.71	0000 - 9999	2454130025	2454130026			
CLIDED 1000	06.72	0010 - 9999	0.45.41.00005	0.45.44.00000	0454400057	0.45.41.00057	0.400770000
SUPER 1600	06.82	0010 - 9999	2454130025	2454130026	2454130057	2454130057	2460770063
CLIDED 1000	06.73	0010 - 9999	0.45.41.00005	0.45.44.00000	0454400057	0.45.41.00057	0.400770000
SUPER 1603	06.83	0010 - 9999	2454130025	2454130026	2454130057	2454130057	2460770063
SUPER 1600-1,	07.00	0010 - 0302	2454130070	2454130071	2454130067	2454130067	2460770070
SUPER 1800-1	07.82	0303 - 9999	2454130070	2454130071	2013496	2013496	2460770070
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999	2032512	2032513	2013496	2013496	2028733
SUPER 1603-1,	07.83	0010 - 0238	2454130070	2454130071	2454130067	2454130067	2460770070
SUPER 1803-1	07.03	0239 - 9999	2454130070	2454130071	2013496	2013496	2460770070
SUPER 1600-2, SUPER 1800-2, SUPER 1800-2 SJ	11.82 12.82	0010 - 9999	2032512	2032513	2013496	2013496	2028733
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	2032512	2032513	2013496	2013496	2028733
SUPER 1800	06.68	0010 - 9999	2454130025	2454130026	2454130057	2454130057	2460770063
SUPER 1804	06.69	0010 - 9999	2454130025	2454130026	2454130057	2454130057	2460770063
SUPER 1900,	06.19	0010 - 0994	2454130070	2454130071	2454130067	2454130067	2460770070
SUPER 2100	00.19	0995 - 9999	2454130070	2454130071	2013496	2013496	2460770070
SUPER 1900-2, SUPER 2100-2, SUPER 2100-2 IP	07.19	0010 - 9999	2032512	2032513	2013496	2013496	2028733
VISION 5100-2	13.82	0010 - 9999			2069210	2069210	2028733
VISION 5103-2	09.83	0010 - 9999			2069210	2069210	2028733
VISION 5200-2	07.74	0010 - 9999			2069210	2069210	2028733
VISION 5203-2	07.75	0010 - 9999			2069210	2069210	2028733
SUPER 2500	06.74	0010 - 9999	2454130070	2454130071	2454130067	2454130067	2460770070
SUPER 3000-2	08.74	0010 - 9999	20325112	2032513	2013496	2013496	2028733
30FLN 3000-2	00.74	0010 - 3333	20020112	2002313	2013490	2013490	2020133

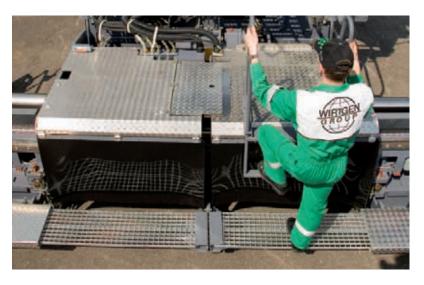
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ORIGINAL VÖGELE COVER RUBBERS FOR SCREEDS

The Original Vögele cover rubbers are available for every paver type. The covers are designed so that they ensure optimum protection against every type of soiling of the screed components (e.g. chains and sprockets for the fine adjustment of the screed).

This also ensures that the time requirement for the maintenance of these components is reduced to a minimum.







Screed type	Model	Series range	right	Middle	left	Offset right	Offset left
AB 200 V	12.AB	0010 - 9999					
AB 200 TV	12.AB	0010 - 9999					
	09.AB	0010 - 0069	4604042248		4604042250		
AB 315	09.AB	0070 - 9999		4604042266		4604042265	4604042265
AB 340 V	13.AB	0010 - 9999	2061052	2062043	2061052	2061044	2061044
AB 340 TV	13.AB	0010 - 9999	2061052	2062043	2061052	2061044	2061044
AB 375 TV	01.AB	0010 - 9999	4601350154		4601350153		
AB 375 TP1	02.AB	0010 - 9999	4601350154		4601350153		
AB 475 TV	03.AB	0010 - 9999	4601350063		4601350042		
AB 475 TP1	04.AB	0010 - 9999	4601350063		4601350042		
AB 475 TP2	05.AB	0010 - 9999	4601350082		4601350081		
AB 575 TV	06.AB	0010 - 9999	4601350082		4601350081		
AB 575 TP2	07.AB	0010 - 9999	4601350082		4601350081		
	10.AB	0010 - 0022	4601350102		4601350101		
AB 500	10.AB	0023 - 0125	4601350156		4601350155		
	10.AB	0126 - 9999	4601350156		4601350155	4601350188	4601350187
AB 500-2 TV	14.AB	0010 - 9999	2038479		2038478		
AB 500-2 TP1, TP2	15.AB	0010 - 9999	2038479		2038478		
AB 600 TV, TP1, TP2	11.AB	0010 - 9999	2002517		2002516		
AB 600-2 TV	16.AB	0010 - 9999	2061004		2060987		
AB 600-2 TP1, TP2	17.AB	0010 - 9999	2061004		2060987		
SB 250	02.SB	0010 - 9999	4601350147		4601350146		
SB 300	03.SB	0010 - 9999	4601350147		4601350146		
SB 300-2	06.SB	0010 - 9999	4601350145		4601350144		



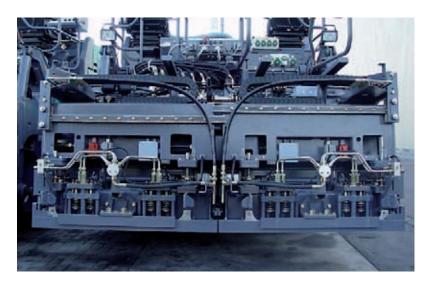
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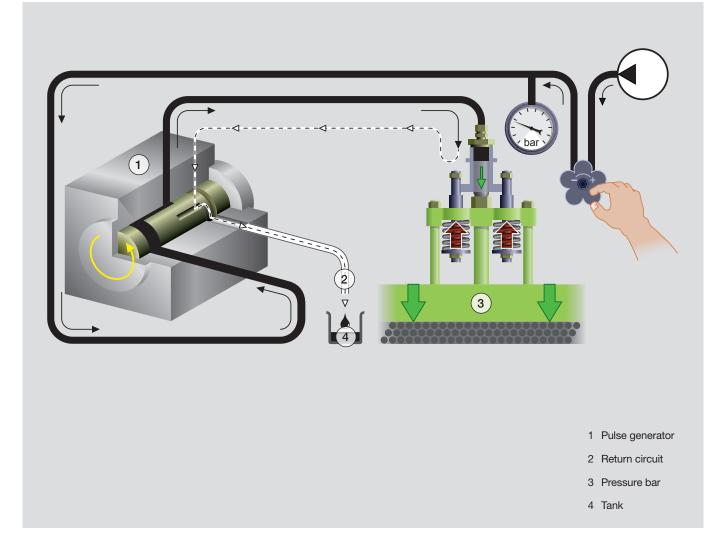


VÖGELE COMPACTING SYSTEMS – HIGH PAVEMENT QUALITY ACHIEVED EFFICIENTLY

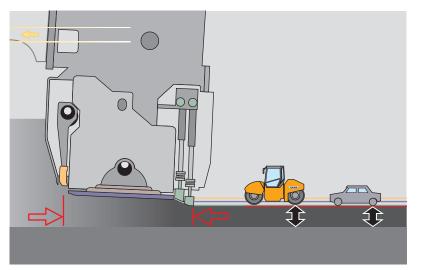
Vögele sets standards in terms of compaction: Vögele screeds with tamper and vibrators, the compacting systems equipped as standard, stand out through high performance and reliability, attributes which are based on perfected technology and most modern materials for manufacture.

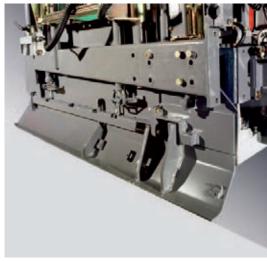
Unique and unrivalled to date is the Vögele High Compaction Technology in terms of efficiency and achieved pavement quality. The core of this technology are pressure bars driven by pulsed-flow hydraulics. They bring about high compaction of most varied building materials and make an essential contribution to high-quality paving and economical road construction.











For all compacting systems – tamper, vibrators and pressure bars – separate control is provided. Systems can be switched on and off as needed.

The location of compacting systems in Vögele screeds is based on a very simple principle: We want the individual phases of compaction to be clearly separated and each compacting system to operate in an optimal environment.

The tamper located at the front of the screed provides for precompaction. Vögele screeds are equipped with tamper as standard.

Located right behind the tamper is the screed plate. Depending on the kind of paving job and the type of screed used, compaction through the screed plate can be intensified by addition of eccentric vibrators.

Vögele High Compaction Screeds are available in TP1 or TP2 versions, i.e. they come with 1 or 2 pressure bars.

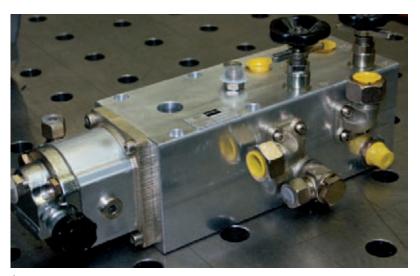
A road paver combined with an HPC screed is capable of achieving a density very close to the final density, under ideal conditions even the final density.

The pressure bars P1 and P2 are the last elements in the process of compaction as a whole. Logically, they are located at the rear of Vögele screeds. Only in this location can the highest possible compacting intensity be achieved as the mix is prevented from yielding to the front. Nor can it yield to the sides where it is confined by the end plates.

This arrangement furthermore ensures that even when paving thin layers with an HPC screed, a smooth surface texture is achieved.

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1 Pulse generator for pressure bars.



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ORIGINAL VÖGELE TAMPER SHIELDS AND SPRING STEEL STRIPS FOR SCREEDS



The tamper shields are so designed as to direct the mix under the screed. By the mix in the auger tunnel, high forces are exerted on the screed. Therefore, highest demands are made on the tamper shields in terms of resistance to wear and rigidity. Vögele tamper shields perfectly meet these demands.

The spring steel strips – which can of course be changed separately – have the task of elastically sealing the tamper bar against the tamper shield.





ORIGINAL VÖGELE TAMPER SHIELDS AND SPRING STEEL STRIPS FOR BASIC AND EXTENDING SCREEDS



Screed	Madal	Series	Decerinties	Basic scree	ed	Extending	screed
type	Model	range	Description	left	right	left	right
AD 000 \/	10.45	0010 - 0546	Tamper shield	2024451	2024496	2024387	2024401
AB 200 V	12.AB	0547 - 9999	Tamper shield	2060051	2060054	2060032	2060045
		0040 0004	Tamper shield complete*	2024057	2024194	2023966	2023994
AD 000 T/	40 AD	0010 - 0331	Spring steel strip	2024039	2024189	2023957	2023957
AB 200 TV	12.AB	0000 0000	Tamper shield complete*	2049967	2049969	2023966	2023994
		0332 - 9999	Spring steel strip	2024039	2024189	2023957	2023957
AD 045	00 AD	0040 0000	Tamper shield complete*	4602438672	4602438673	4602438674	4602438675
AB 315	09.AB	0010 - 9999	Spring steel strip	4602426952	4602426953	4602427277	4602427277
AB 340 V	13.AB	0010 - 9999	Tamper shield	2060956	2060954	2060856	2060837
AD 040 TV	10 AD	0010 0000	Tamper shield complete*	2044090	2044112	2044030	2044057
AB 340 TV	13.AB	0010 - 9999	Spring steel strip	2044084	2044106	2044026	2044026
		6010 - 6203	Tamper shield	4602432925	4602432926	4602432927	4602432928
AB 375	01.AB	0004 0000	Tamper shield complete*	2645810254	2645810255	2645810256	2645810257
		6204 - 9999	Spring steel strip	4615106710	4615106710	4615106711	4615106711
AB 475 TV	OLD	1102 - 9999	Tamper shield	4602432278	4602432279	4602432280	4602432281
AB 475 TP1	OLD	0100 - 9999	Tamper shield	4602433996	4602433997	4602433998	4602433999
AB 475 TP2	OLD	4001 - 9999	Tamper shield	4602432493	4602432494	4602432489	4602432490
			Tamper shield complete*	2009381	2009382	2009383	2009384
AB 475 TV	03.AB	0010 - 9999	Spring steel strip	4615106583	4615106583	4615106629	4615106629
			Tamper shield complete*	2009381	2009382	2009383	2009384
AB 475 TP1	04.AB	0010 - 9999	Spring steel strip	4615106583	4615106583	4615106629	4615106629
			Tamper shield complete*	2009381	2009382	2009383	2009384
AB 475 TP2	05.AB	0010 - 9999	Spring steel strip	4615106583	4615106583	4615106629	4615106629
AB 575 TV	OLD	0502 - 9999	Tamper shield	4602432304	4602432305	4602432302	4602432303
AB 575 TP2	OLD	5001 - 9999	Tamper shield	4602432575	4602432576	4602432577	4602432578
			Tamper shield complete*	2009385	2009386	2009387	2009388
AB 575 TV	06.AB	0010 - 9999	Spring steel strip	4615106651	4615106651	4615106631	4615106631
			Tamper shield complete*	2009385	2009386	2009387	2009388
AB 575 TP2	07.AB	0010 - 9999	Spring steel strip	4615106651	4615106651	4615106631	4615106631
			Tamper shield complete*	4621300001	4621300002	4621300003	4621300004
AB 500	10.AB	0010 - 9999	Spring steel strip	4615106688	4615106688	4615106688	4615106688
AD 500 0	14.AB,	0010 0000	Tamper shield complete*	2037329	2037330	2037331	2037332
AB 500-2	15.AB	0010 - 9999	Spring steel strip	2027338	2027338	2027338	2027338
AD 000	44 AD	0040 0000	Tamper shield complete*	4621300007	4621300008	4621300009	4621300010
AB 600	11.AB	0010 - 9999	Spring steel strip	4615106730	4615106730	4615106730	4615106730
AD 600 0	16.AB,	0010 0000	Tamper shield complete*	2051960	2052156	2052239	2052261
AB 600-2	17.AB	0010 - 9999	Spring steel strip	2052396	2052396	2052396	2052396
VR 600-2 V	18.AB	0010 - 9999	Tamper shield	2128686	2128690	2123232	2127228
		0010 - 0275	Tamper shield	4602433581	4602433582		
OD OEO	00.00	0276 - 0436	Tamper shield	4602434552	4602434553		
SB 250	02.SB	0427 0000	Tamper shield complete*	2009720	2009721		
		0437 - 9999	Spring steel strip	4615106722	4615106722		
		0010 - 0331	Tamper shield	4602433054	4602433055		
CD 200	02.00	0332 - 0403	Tamper shield	4602434557	4602434558		
SB 300	03.SB	0404 0000	Tamper shield complete*	2009722	2009723		
		0404 - 9999	Spring steel strip	2000202	2000202		
CD 200 C	06.00	0010 0000	Tamper shield complete*	2124565	2124916		
SB 300-2	06.SB	0010 - 9999	Spring steel strip	2123526	2123526		

^{*} Tamper shield complete includes the steel strip



ORIGINAL VÖGELE TAMPER SHIELDS AND SPRING STEEL STRIPS FOR BOLT-ON EXTENSIONS

Screed type	Model	Series range	Bolt-on extension (m)	Description	left	right
		0010 - 0546	0.05	Tarana an abiala	2028413	2028521
AB 200 V	12.AB	0547 - 9999	0.35	Tamper shield	2060000	2060027
		0010 - 9999	0.60	Tamper shield	2059991	2059988
			0.05	Tamper shield complete*	2028280	2028493
AB 200 TV	12.AB	0010 - 9999	0.35	Spring steel strip	2028278	2028278
AB 200 TV	IZ.AD	0010 - 9999	0.60	Tamper shield complete*	2030895	2030910
			0.60	Spring steel strip	2030896	2030896
AB 315 V	09.AB	0010 - 9999	0.425	Tamper shield	4602438459	4602438460
AD 215 T	00 AP	0010 - 9999	0.425	Tamper shield complete*	4602438680	4602438681
AB 315 T	09.AB	0010 - 9999	0.425	Spring steel strip	4602427170	4602427170
AB 340 V	13.AB	0010 - 9999	0.40	Tamper shield	2060871	2060864
			0.40	Tamper shield complete*	2051297	2051343
AB 340 TV	12 AD	0010 - 9999	0.40	Spring steel strip	2051294	2051294
AD 340 TV	13.AB	0010 - 9999	0.55	Tamper shield complete*	2047537	2047885
			0.55	Spring steel strip	2047521	2047521
AB 375	01.AB,	0010 - 9999	0.25	Tamper shield	4602433704	4602433705
AB 375	02.AB	0010 - 9999	0.50	Tamper shield	4602432939	4602432939
			0.625	Tamper shield	4602432276	4602432277
AB 475,	OLD	0010 - 9999	0.875	Tamper shield	4602432264	4602432265
AB 575			1.125	Tamper shield	4602432284	4602432285
			1.375	Tamper shield	4602432292	4602432293
	03.AB,	0010 - 9999	- 9999 0.25	Tamper shield complete*	2009551	2009552
	04.AB			Spring steel strip	4615106598	4615106598
	05.AB,	0010 0000	0.605	Tamper shield complete*	2009554	2009554
	06.AB	0010 - 9999	0.625	Spring steel strip	4615106632	4615106632
AB 475,			0.075	Tamper shield complete*	2009556	2009556
AB 575			0.875	Spring steel strip	4615106633	4615106633
	07.AB	0010 - 9999	1.125	Tamper shield complete*	2009557	2009557
	U7.AD	0010 - 9999	1.125	Spring steel strip	4615106634	4615106634
			1.375	Tamper shield complete*	2009558	2009558
			1.575	Spring steel strip	4615106635	4615106635
			0.225	Tamper shield complete*	4621300006	4621300006
			0.223	Spring steel strip	4615106726	4615106726
AB 500,	10.AB,	0010 - 9999	0.75	Tamper shield complete*	4621300005	4621300005
AB 600	11.AB	0010 - 3333	0.75	Spring steel strip	4615106692	4615106692
			1.25	Tamper shield complete*	4621300011	4621300011
			1.25	Spring steel strip	4615106734	4615106734
			0.25	Tamper shield complete*	2041072	2041073
	14.AB,		0.20	Spring steel strip	2041081	2041081
AB 500-2,	15.AB,	0010 - 9999	0.75	Tamper shield complete*	2043402	2043403
AB 600-2	16.AB,	0010 0000	0.70	Spring steel strip	2038330	2038330
	17.AB		1.25	Tamper shield complete*	2038065	2038065
			1.20	Spring steel strip	2038077	2038077
VR 600-2 V	18.AB	0010 - 9999	0.65	Tamper shield	2124827	2126821

^{*} Tamper shield complete includes the steel strip





Screed type	Model	Series range	Bolt-on extension (m)	Description	left	right
		0010 - 0275		Tamper shield	4602433265	4602433266
		0276 - 0436		Tamper shield	4602434535	4602434536
			0.25	Tamper shield complete*	2009724	2009727
		0437 - 9999		Spring steel strip	4615106598	4615106598
		0010 - 0275		Tamper shield	4602433075	4602433075
		0276 - 0436		Tamper shield	4602434561	4602434561
			0.50	Tamper shield complete*	2009728	2009728
		0437 - 9999		Spring steel strip	4615106600	4615106600
		0276 - 0436		Tamper shield	4602432889	4602432890
SB 250	02.SB	0.407 0000	0.75	Tamper shield complete*	2009731	2009732
		0437 - 9999	(extensible)	Spring steel strip	4615106711	4615106711
		0010 - 0275		Tamper shield	4602433076	4602433076
		0276 - 0436	1.00	Tamper shield	4602434560	4602434560
		0427 0000	1.00	Tamper shield complete*	2009729	2009729
		0437 - 9999		Spring steel strip	2000269	2000269
		0010 - 0275		Tamper shield	4602433077	4602433077
		0276 - 0436	1.50	Tamper shield	4602434559	4602434559
		0437 - 9999	1.50	Tamper shield complete*	2009730	2009730
		0437 - 9999		Spring steel strip	2000295	2000295
		0010 - 0331		Tamper shield	4602433265	4602433266
		0332 - 0403	0.25	Tamper shield	4602434535	4602434536
		0404 - 9999	0.23	Tamper shield complete*	2009724	2009727
		0404 3333		Spring steel strip	4615106598	4615106598
		0010 - 0331		Tamper shield	4602433075	4602433075
		0332 - 0403	0.50	Tamper shield	4602434561	4602434561
		0404 - 9999	0.00	Tamper shield complete*	2009728	2009728
		0.10.1 0000		Spring steel strip	4615106600	4615106600
		0332 - 0403	0.75	Tamper shield	4602432889	4602432890
SB 300	03.SB	0404 - 9999	(extensible)	Tamper shield complete*	2009731	2009732
			` '	Spring steel strip	4615106711	4615106711
		0010 - 0331		Tamper shield	4602433076	4602433076
		0332 - 0403	1.00	Tamper shield	4602434560	4602434560
		0404 - 9999		Tamper shield complete*	2009729	2009729
		22/2 222/		Spring steel strip	2000269	2000269
		0010 - 0331		Tamper shield	4602433077	
		0332 - 0403	1.50	Tamper shield	4602434559	4602434559
		0404 - 9999		Tamper shield complete*	2009730	2009730
			0.05	Spring steel strip	2000295	2000295
			0.25	Tamper shield complete*	2125428	2125557
			0.50	Spring steel strip	2123464	2123464
			0.50	Tamper shield complete*	2125358	2125358
			0.75	Spring steel strip Tamper shield complete*	2123476	2123476
SB 300-2	06.SB	0010 - 9999	0.75 (extensible)	Spring steel strip	2126020	2126211 2123654
					2123654	
			1.00	Tamper shield complete*	2125276	2125276
			1.50	Spring steel strip Tamper shield complete*	2123488 2125066	2123488 2125066
			1.50			2123516
				Spring steel strip	2123516	2120010

 $[\]ensuremath{^{\star}}$ Tamper shield complete includes the steel strip



ORIGINAL VÖGELE TAMPER BARS



Vögele tamper bars are made of a highly wear resistant steel alloy for a long service life of these components subject to severe strain. Tamper bars come with heating rods installed inside. This guarantees uniform heating of the bars across the full pave width.

Thanks to bevelled edges, tamper bars are designed for universal use. They always ensure that mix is perfectly packed under the screed and optimum compaction is achieved. Induction hardening of Vögele tamper bars provides for large hardening depth and uniform hardening over the bar's full length.







Corood to an	Model	Sovice revers	Tamper bar b	asic screed	Tamper bar e	Tamper bar extending screed		
Screed type	Model	Series range	left	right	left	right		
AD 000 TV	40.40	0010 - 0289	2014805	2014805	2020273	2020273		
AB 200 TV	12.AB	0290 - 9999	2049732	2049732	2020273	2020273		
AD 045	00.40	0010 - 0153	4611353658	4611353658	4611353659	4611353659		
AB 315	09.AB	0154 - 9999	2004908	2004908	2004909	2004909		
AB 340 TV	13.AB	0010 - 9999	2043707	2043707	2043892	2043892		
AB 375	01.AB, 02.AB	0010 - 9999	4611352992	4611352993	4611352996	4611352997		
AD 475 TV		0010 - 0817	4611353180	4611353181	4611352131	4611352130		
AB 475 TV	03.AB	1102 - 9999	4611352122	4611352123	4611352131	4611352130		
AB 475 TP1	OLD	0100 - 0140	4611353180	4611353181	4611352131	4611352130		
AB 475 TP1	04.AB	0010 - 0072	4611353180	4611353181	4611352131	4611352130		
		0010 - 0025	4611353180	4611353181	4611352131	4611352130		
AB 475 TP2	05.AB	4001 - 9999	4611352122	4611352123	4611352131	4611352130		
AB 575 TV	OLD	0502 - 1314	4611352214	4611352216	4611352215	4611352217		
AB 575 TV	06.AB	0010 - 9999	4611353499	4611353500	4611352215	4611352217		
AD 575 TD0	07.40	0010 - 0206	4611353499	4611353500	4611352215	4611352217		
AB 575 TP2	07.AB	5001 - 9999	4611352214	4611352216	4611352215	4611352217		
AB 500 TV	10.AB	0010 - 9999	2003833	2003834	2003835	2003836		
AB 500 TP1	10.AB	0010 - 9999	2003833	2003834	2003835	2003836		
AB 500 TP2	10.AB	0010 - 9999	2003833	2003834	2003835	2003836		
AB 500-2 TV	14.AB	0010 - 9999	2003833	2003834	2003835	2003836		
AB 500-2 TP1	15.AB	0010 - 9999	2003833	2003834	2003835	2003836		
AB 500-2 TP2	15.AB	0010 - 9999	2003833	2003834	2003835	2003836		
AB 600 TV	11.AB	0010 - 9999	2003841	2003842	2003843	2003844		
AB 600 TP1	11.AB	0010 - 9999	2003841	2003842	2003843	2003844		
AB 600 TP2	11.AB	0010 - 9999	2003841	2003842	2003843	2003844		
AB 600-2 TV	16.AB	0010 - 9999	2003841	2003842	2003843	2003844		
AB 600-2 TP1	17.AB	0010 - 9999	2003841	2003842	2003843	2003844		
AB 600-2 TP2	17.AB	0010 - 9999	2003841	2003842	2003843	2003844		
SB 250	02.SB	0010 - 9999	4611353204	4611353205				
SB 300	03.SB	0010 - 9999	4611353073	4611353074				
SB 300-2	06.SB	0010 - 9999	4611353073	4611353074				

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ORIGINAL VÖGELE TAMPER BARS FOR BOLT-ON EXTENSIONS



			Bolt-on	Tamper bar	
Screed type	Model	Series range	extension (m)	left	right
AB 200 TV	12.AB	0010 - 9999	0.35	2028210	2028210
AB 200 TV	IZ.AD	0010 - 9999	0.60	2030843	2030843
AD 215	09.AB	0010 - 0153	0.425	4611353666	4611353666
AB 315	09.AD	0154 - 9999	0.425	2004910	2004910
AB 340 TV	13.AB	0010 - 9999	0.40	2051125	2051125
AB 340 TV	IS.AD	0010 - 9999	0.55	2046991	2046991
AD 075	04 AD 00 AD	0010 0000	0.25	4611352947	4611352948
AB 375	01.AB, 02.AB	0010 - 9999	0.50	4611352326	4611352327
			0.25	4611352947	4611352948
			0.625	4611352134	4611352132
AB 475 TV, TP, AB 575 TV, TP	03.AB, 04.AB, 05.AB, 06.AB, 07.AB	0010 - 9999	0.875	4611352183	4611352184
			1.125	4611352205	4611352206
			1.375	4611352211	4611352210
	10.AB, 11.AB		0.225	4611353675	4611353676
AB 500 TV, TP, AB 600 TV, TP		0010 - 9999	0.75	2003847	2003848
			1.25	2003851	2003852
			0.25	2040965	2040966
AB 500-2 TV, TP	14.AB, 15.AB	0010 - 9999	0.75	2038930	2038931
			1.25	2038932	2038933
			0.25	2040965	2040966
AB 600-2 TV, TP	16.AB, 17.AB	0010 - 9999	0.75	2038930	2038931
			1.25	2038932	2038933
			0.25	4611352947	4611352948
OD 050			0.50	4611352326	4611352327
SB 250, SB 300, SB 300-2	02.SB, 03.SB, 06.SB	0010 - 9999	0.75 (extensible)	4611352996	4611352997
3D 300-2			1.00	4611352549	4611352550
			1.50	4611353094	4611353095

ORIGINAL VÖGELE TAMPER BEARINGS





Given a maximum tamper speed of 1,800 rpm and the beating action of the tamper bars, tamper bearings are exposed to highest continuous strain. This is why we use bearings and bearing housings of prime quality only and tolerances for manufacture are extremely tight.

Rely on nothing else than Original Vögele parts to ensure impeccable running of your tamper throughout a long service life.



Screed	Model	el Series	Description	Basic so	creed	Basic screed right	
type		range		Quantity	Part No.	Quantity	Part No.
			Connecting rod left	1	4615042061	1	4615042061
			Connecting rod right	1	4615042062	1	4615042062
AB 200 TV	12.AB	0010 - 9999	Roller bearing for connecting rod	2	9540080635	2	9540080635
AD 200 TV	12.00	0010 - 3939	Bearing left	1	4611052120	1	4611052120
			Bearing right	1	4611052121	1	4611052121
			Roller bearing for fixed bearing	2	9540100635	2	9540100635
			Connecting rod left	1	4615042061	1	4615042061
		0010 - 9999	Connecting rod right	1	4615042062	1	4615042062
AB 315	09.AB		Roller bearing for connecting rod	2	9540080635	2	9540080635
7.0 010	30.7.12		Bearing left	1	4611052120	1	4611052120
			Bearing right	1	4611052121	1	4611052121
			Roller bearing for fixed bearing	2	9540100635	2	9540100635
			Connecting rod left	1	4615042061	1	4615042061
			Connecting rod right	1	4615042062	1	4615042062
AB 340 TV	13.AB	0010 - 9999	Roller bearing for connecting rod	2	9540080635	2	9540080635
, 10 0-0 1 0	10.715	3010 0009	Bearing left	1	4611052120	1	4611052120
			Bearing right	1	4611052121	1	4611052121
			Roller bearing for fixed bearing	2	9540100635	2	9540100635





Screed	Model	Series	Description	Extendir left	ng screed	Extending screed right	
type		range		Quantity	Part No.	Quantity	Part No.
			Connecting rod left	1	4615042061	1	4615042061
			Connecting rod right	1	4615042062	1	4615042062
AB 200 TV	12.AB	0010 - 9999	Roller bearing for connecting rod	2	9540080635	2	9540080635
AB 200 TV	IZ.AD	0010 - 9999	Bearing left	1	4611052120	1	4611052120
			Bearing right	1	4611052121	1	4611052121
			Roller bearing for fixed bearing	2	9540100635	2	9540100635
	09.AB	0010 - 9999	Connecting rod left	1	4615042061	1	4615042061
			Connecting rod right	1	4615042062	1	4615042062
AB 315			Roller bearing for connecting rod	2	9540080635	2	9540080635
ADOIO			Bearing left	1	4611052120	1	4611052120
			Bearing right	1	4611052121	1	4611052121
			Roller bearing for fixed bearing	2	9540100635	2	9540100635
			Connecting rod left	1	4615042061	1	4615042061
			Connecting rod right	1	4615042062	1	4615042062
AB 340 TV	13.AB	0010 - 9999	Roller bearing for connecting rod	2	9540080635	2	9540080635
. 10 0 10 1 4	1010	33.0 0000	Bearing left	1	4611052120	1	4611052120
			Bearing right	1	4611052121	1	4611052121
			Roller bearing for fixed bearing	2	9540100635	2	9540100635

Screed	Model	Series	Description	Basic so	creed	Basic screed right	
type		range		Quantity	Part No.	Quantity	Part No.
			Connecting rod left	1	4615042053	1	4615042053
			Connecting rod right	1	4615042054	1	4615042054
		0010 - 6203	Roller bearing for connecting rod	2	9507080635	2	9507080635
		0010 - 0203	Bearing left	1	4611052083	1	4611052083
			Bearing right	1	4611052084	1	4611052084
AB 375 TV, TP	01.AB,		Roller bearing for fixed bearing	2	9539100635	2	9539100635
AD 3/3 IV, IF	02.AB		Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
		6204 - 9999	Roller bearing for connecting rod	2	9540120635	2	9540120635
		6204 - 9999	Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067
			Roller bearing for fixed bearing	2	9540120635	2	9540120635
		1102 - 3072	Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
			Roller bearing for connecting rod	2	9540120635	2	9540120635
		1102 - 3072	Bearing left	1	4611052050	1	4611052050
			Bearing right	1	4611052051	1	4611052051
AB 475 TV	OLD		Roller bearing for fixed bearing	2	9540120635	2	9540120635
AB 475 TV	OLD		Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
		3073 - 9999	Roller bearing for connecting rod	2	9507100635	2	9507100635
		3073 - 3339	Bearing left	1	4611052054	1	4611052054
			Bearing right	1	4611052055	1	4611052055
			Roller bearing for fixed bearing	2	9540120635	2	9540120635



Screed	Model	Series	Description	Extendir left	ng screed	Extending screed right	
type		range		Quantity	Part No.	Quantity	Part No.
			Connecting rod left	1	4615042053	1	4615042053
			Connecting rod right	1	4615042054	1	4615042054
		0010 - 6203	Roller bearing for connecting rod	2	9507080635	2	9507080635
		0010 0200	Bearing left	1	4611052083	1	4611052083
			Bearing right	1	4611052084	1	4611052084
AB 375 TV, TP	01.AB,		Roller bearing for fixed bearing	2	9539100635	2	9539100635
AB 073 TV, 11	02.AB		Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
		6204 - 9999	Roller bearing for connecting rod	2	9540120635	2	9540120635
			Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067
			Roller bearing for fixed bearing	2	9540120635	2	9540120635
		1102 - 3072	Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
			Roller bearing for connecting rod	2	9540120635	2	9540120635
			Bearing left	1	4611052050	1	4611052050
			Bearing right	1	4611052051	1	4611052051
AB 475 TV	OLD		Roller bearing for fixed bearing	2	9540120635	2	9540120635
AD 473 TV	OLD		Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
		3073 - 9999	Roller bearing for connecting rod	2	9507100635	2	9507100635
		3010 0000	Bearing left	1	4611052054	1	4611052050
			Bearing right	1	4611052051	1	4611052055
			Roller bearing for fixed bearing	2	9540120635	2	9540120635

Screed	Model	Series	Description	Basic so	creed	Basic screed right	
type		range		Quantity	Part No.	Quantity	Part No.
			Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
AB 475 TV	03.AB	0010 - 9999	Roller bearing for connecting rod	2	9507100635	2	9507100635
AD 470 TV	00.AB	0010 - 3939	Bearing left	1	4611052094	1	4611052094
			Bearing right	1	4611052095	1	4611052095
			Roller bearing for fixed bearing	2	9540120635	2	9540120635
		0010 - 9999	Connecting rod left	1	4615042026	1	4615042026
	04.AB, 05.AB		Connecting rod right	1	4615042027	1	4615042027
AB 475 TP1,			Roller bearing for connecting rod	2	9540120635	2	9540120635
AB 475 TP2			Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067
			Roller bearing for fixed bearing	2	9540120635	2	9540120635
			Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
AB 575 TV	OLD	0502 - 9999	Roller bearing for connecting rod	2	9507100635	2	9507100635
AB 3/3 IV	OLD	3002 0009	Bearing left	1	4611052054	1	4611052054
			Bearing right	1	4611052055	1	4611052055
			Roller bearing for fixed bearing	2	9540120635	2	9540120635





Screed	Model	Series	Description	Extendir left	ng screed	Extending screed right	
type		range		Quantity	Part No.	Quantity	Part No.
			Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
AB 475 TV	03.AB	0010 - 9999	Roller bearing for connecting rod	2	9507100635	2	9507100635
AD 473 TV	OO.AD	0010 3333	Bearing left	1	4611052094	1	4611052094
			Bearing right	1	4611052095	1	4611052095
			Roller bearing for fixed bearing	2	9540120635	2	9540120635
	04.AB, 05.AB	0010 - 9999	Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
AB 475 TP1,			Roller bearing for connecting rod	2	9540120635	2	9540120635
AB 475 TP2			Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067
			Roller bearing for fixed bearing	2	9540120635	2	9540120635
			Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
AB 575 TV	OLD	0502 - 9999	Roller bearing for connecting rod	2	9507100635	2	9507100635
AB 5/5 IV	JLD .	0502 - 9999	Bearing left	1	4611052050	1	4611052050
			Bearing right	1	4611052051	1	4611052051
			Roller bearing for fixed bearing	2	9540120635	2	9540120635

Screed	Model	Series	Description	Basic so	creed	Basic so	creed
type		range		Quantity	Part No.	Quantity	Part No.
			Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
AB 575 TV	06.AB	0010 - 9999	Roller bearing for connecting rod	2	9507100635	2	9507100635
AB 373 TV	00.AB	0010 - 9999	Bearing left	1	4611052094	1	4611052094
			Bearing right	1	4611052095	1	4611052095
			Roller bearing for fixed bearing	2	9540120635	2	9540120635
			Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
AB 575 TP2	07.AB	0010 0000	Roller bearing for connecting rod	2	9540120635	2	9540120635
AD 373 TF2	07.AB	0010 - 9999	Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067
			Roller bearing for fixed bearing	2	9540120635	2	9540120635
		0010 - 0034	Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
			Roller bearing for connecting rod	2	9540120635	2	9540120635
			Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067
AR 500 TV/ TD	10.AB		Roller bearing for fixed bearing	2	9540120635	2	9540120635
AB 500 TV, TP	IU.AB		Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
		0035 - 9999	Roller bearing for connecting rod	2	9540120635	2	9540120635
		0000 - 8888	Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067
			Roller bearing for fixed bearing	2	9540120635	2	9540120635





Screed type	Model	Series range	Description	Extending screed left		Extending screed right	
				Quantity	Part No.	Quantity	Part No.
AB 575 TV	06.AB	0010 - 9999	Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
			Roller bearing for connecting rod	2	9507100635	2	9507100635
			Bearing left	1	4611052094	1	4611052094
			Bearing right	1	4611052095	1	4611052095
			Roller bearing for fixed bearing	2	9540120635	2	9540120635
AB 575 TP2	07.AB	0010 - 9999	Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
			Roller bearing for connecting rod	2	9540120635	2	9540120635
			Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067
			Roller bearing for fixed bearing	2	9540120635	2	9540120635
AB 500 TV, TP	10.AB	0010 - 0034	Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
			Roller bearing for connecting rod	2	9540120635	2	9540120635
			Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067
			Roller bearing for fixed bearing	2	9540120635	2	9540120635
		0035 - 9999	Connecting rod left	1	4615042065	1	4615042026
			Connecting rod right	1	4615042027	1	4615042066
			Roller bearing for connecting rod	2	9540120635	2	9540120635
			Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067
			Roller bearing for fixed bearing	2	9540120635	2	9540120635



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ORIGINAL VÖGELE TAMPER BEARINGS FOR BASIC AND EXTENDING SCREEDS

Screed	Model	Series	Description	Basic so	creed	Basic so	creed
type		range		Quantity	Part No.	Quantity	Part No.
			Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
AB 500-2 TV	14.AB		Roller bearing for connecting rod	2	9507100635	2	9507100635
AD 300-2 TV	14.70	0010 - 9999	Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067
			Roller bearing for fixed bearing	2	9540120635	2	9540120635
			Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
AB 500-2 TP1,	15.AB	0010 - 9999	Roller bearing for connecting rod	2	9540120635	2	9540120635
TP2	13.46		Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067
			Roller bearing for fixed bearing	2	9540120635	2	9540120635
			Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
AB 600 TV, TP	11 AD	0010 - 9999	Roller bearing for connecting rod	2	9540120635	2	9540120635
AD 000 TV, TP	11.AB	0010 - 9999	Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067
			Roller bearing for fixed bearing	2	9540120635	2	9540120635





Screed	Model	Series	Description	Extendir left	ng screed	Extendir right	ng screed							
type		range		Quantity	Part No.	Quantity	Part No.							
			Connecting rod left	1	4615042026	1	4615042026							
			Connecting rod right	1	4615042027	1	4615042066							
AB 500-2 TV	14.AB	0010 - 9999	Roller bearing for connecting rod	2	9507100635	2	9507100635							
AB 300-2 TV	14.70	0010 - 3333	Bearing left	1	4611052066	1	4611052066							
			Bearing right	1	4611052067	1	4611052067							
			Roller bearing for fixed bearing	2	9540120635	2	9540120635							
			Connecting rod left	1	4615042065	1	4615042026							
			Connecting rod right	1	4615042027	1	4615042066							
AB 500-2 TP1,	15.AB	0010 - 9999	Roller bearing for connecting rod	2	9540120635	2	9540120635							
TP2	15.25	0010 3333	Bearing left	1	4611052066	1	4611052066							
			Bearing right	1	4611052067	1	4611052067							
			Roller bearing for fixed bearing	2	9540120635	2	9540120635							
			Connecting rod left	1	4615042065	1	4615042026							
						(С	C	C	Connecting rod right	1	4615042027	1	4615042066
AB 600 TV, TP	11.AB		Roller bearing for connecting rod	2	9540120635	2	9540120635							
	713.65	30.0 0000	Bearing left	1	4611052066	1	4611052066							
			Bearing right	1	4611052067	1	4611052067							
			Roller bearing for fixed bearing	2	9540120635	2	9540120635							

ORIGINAL VÖGELE TAMPER BEARINGS FOR BASIC AND EXTENDING SCREEDS

Screed	Model	Series	Description	Basic so	creed	Basic so	creed														
type		range		Quantity	Part No.	Quantity	Part No.														
			Connecting rod left	1	4615042026	1	4615042026														
			Connecting rod right	1	4615042027	1	4615042027														
AB 600-2 TV	16.AB	0010 - 9999 0010 - 9999	Roller bearing for connecting rod	2	9507100635	2	9507100635														
AD 000 2 TV	10.25		Bearing left	1	4611052066	1	4611052066														
				Bearing right	1	4611052067	1	4611052067													
			Roller bearing for fixed bearing	2	9540120635	2	9540120635														
			Connecting rod left	1	4615042026	1	4615042026														
			Connecting rod right	1	4615042027	1	4615042027														
AB 600-2 TP1,	17.AB		Roller bearing for connecting rod	2	9540120635	2	9540120635														
TP2	17.7.0		Bearing left	1	4611052066	1	4611052066														
			Bearing right	1	4611052067	1	4611052067														
			Roller bearing for fixed bearing	2	9540120635	2	9540120635														
			Connecting rod left	1	4615042026	1	4615042026														
			Connecting rod right	1	4615042027	1	4615042027														
SB 250, SB 300,	02.SB, 03.SB,	0010 0000	0010 0000											0010 - 9999	Roller bearing for connecting rod	2	9540120635	2	9540120635		
SB 300-2	06.SB	3010 3339	Bearing left	1	4611052094	1	4611052094														
				1	E	E					ı	E	I				Bearing right	1	4611052095	1	4611052095
			Roller bearing for fixed bearing	2	9540120635	2	9540120635														



Screed	Model	Series	Description	Extendir left	ng screed	Extendii right	ng screed
type		range		Quantity	Part No.	Quantity	Part No.
			Connecting rod left	1	4615042026	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
AP 600 2 TV	16 AD	0010 - 9999	Roller bearing for connecting rod	2	9507100635	2	9507100635
AB 600-2 TV	16.AB	0010 - 9999	Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067
			Roller bearing for fixed bearing	2	9540120635	2	9540120635
			Connecting rod left	1	4615042065	1	4615042026
			Connecting rod right	1	4615042027	1	4615042027
AB 600-2 TP1,	17.AB	0010 - 9999	Roller bearing for connecting rod	2	9540120635	2	9540120635
TP2	I7.AD	0010 - 9999	Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067
			Roller bearing for fixed bearing	2	9540120635	2	9540120635
			Connecting rod left				
			Connecting rod right				
SB 250, SB 300,	02.SB, 03.SB,	0010 0000	Roller bearing for connecting rod	not availa	blo	not availa	blo
SB 300-2	06.SB	E	Bearing left	not availa	DIC	not availa	Oic
			Bearing right				
			Roller bearing for fixed bearing				



Screed	Model	Series	Bolt-on extension	Description	Bolt-on left	extension	Bolt-on right	extension
type		range	(m)		Quantity	Part No.	Quantity	Part No.
				Connecting rod left	1	4615042061	1	4615042061
		0010 - 9999	0.35	Connecting rod right	1	4615042062	1	4615042062
AB 200 TV	12.AB			Roller bearing for connecting rod	2	9540080635	2	9540080635
71B 200 TV	12.76		0.60	Bearing left	1	4611052120	1	4611052120
				Bearing right	1	4611052121	1	4611052121
				Roller bearing for fixed bearing	2	9540100635	2	9540100635
				Connecting rod left	1	4615042061	1	4615042061
			0 0.425	Connecting rod right	1	4615042062	1	4615042062
AB 315	09.AB	0010 - 9999		Roller bearing for connecting rod	2	9540080635	2	9540080635
AD 313	09.AD			Bearing left	1	4611052120	1	4611052120
				Bearing right	1	4611052121	1	4611052121
				Roller bearing for fixed bearing	2	9540100635	2	9540100635
				Connecting rod left	1	4615042061	1	4615042061
				Connecting rod right	1	4615042062	1	4615042062
AB 340 TV	13.AB	0010 - 9999	0.40	Roller bearing for connecting rod	2	9540080635	2	9540080635
, 10 070 1 0	10.710	3010 0009	0.55	Bearing left	1	4611052120	1	4611052120
				Bearing right	1	4611052121	1	4611052121
				Roller bearing for fixed bearing	2	9540100635	2	9540100635





Screed	Model	Series	Bolt-on extension	Description	Bolt-on left	extension	Bolt-on right	extension
type		range	(m)	·	Quantity	Part No.	Quantity	Part No.
				Connecting rod left	1	4615042057		
				Connecting rod right			1	4615042027
			0.25	Roller bearing for connecting rod	1	9507100635	1	9507100635
				Bearing left	1	4611052116		
				Bearing right			1	4611052067
AB 375	01.AB,	0010 - 9999		Roller bearing for fixed bearing	1	9540120635	1	9540120635
AD 010	02.AB	0010 - 9999		Connecting rod left	1	4615042053	1	4615042053
				Connecting rod right	1	4615042054	1	4615042054
			0.5	Roller bearing for connecting rod	2	9507080635	2	9507080635
			0.5	Bearing left	1	4611052083	1	4611052083
				Bearing right	1	4611052084	1	4611052084
				Roller bearing for fixed bearing	2	9539100635	2	9539100635
				Connecting rod left	1	4615042026	1	4615042026
				Connecting rod right	1	4615042027	1	4615042027
		1102 - 3072	0.625 0.875	Roller bearing for connecting rod	2	9540120635	2	9540120635
		1102 0072	1.125 1.375	Bearing left	1	4611052050	1	4611052050
				Bearing right	1	4611052051	1	4611052051
AB 475 TV	OLD			Roller bearing or fixed bearing	2	9540120635	2	9540120635
715 47 6 1 4	OLD			Connecting rod left	1	4615042026	1	4615042026
				Connecting rod right	1	4615042027	1	4615042027
	3	3073 -9999	0.625 0.875	Roller bearing for connecting rod	2	9507100635	2	9507100635
		30,0 0000	1.125 1.375	Bearing left	1	4611052054	1	4611052054
				Bearing right	1	4611052055	1	4611052055
				Roller bearing for fixed bearing	2	9540120635	2	9540120635



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Screed	Model	Series	Bolt-on extension	Description	Bolt-on left	extension	Bolt-on right	extension
type		range	(m)		Quantity	Part No.	Quantity	Part No.
				Connecting rod left	1	4615042026	1	4615042026
				Connecting rod right	1	4615042027	1	4615042027
AB 475 TV	03.AB	0010 - 9999	0.625 0.875	Roller bearing for connecting rod	2	9507100635	2	9507100635
715 470 TV	00.715	0010 0000	1.125 1.375	Bearing left	1	4611052094	1	4611052094
				Bearing right	1	4611052095	1	4611052095
				Roller bearing for fixed bearing	2	9540120635	2	9540120635
				Connecting rod left	1	4615042026	1	4615042026
				Connecting rod right	1	4615042027	1	4615042027
AB 475 TP1,	04.AB,	0010 - 9999	0.625 0.875	Roller bearing for connecting rod	2	9540120635	2	9540120635
AB 475 TP2	05.AB	0010 - 9999	1.125 1.375	Bearing left	1	4611052066	1	4611052066
				Bearing right	1	4611052067	1	4611052067
				Roller bearing for fixed bearing	2	9540120635	2	9540120635
				Connecting rod left	1	4615042026	1	4615042026
				Connecting rod right	1	4615042027	1	4615042027
AB 575 TV	OLD	0502 - 9999	0.625 0.875	Roller bearing for connecting rod	2	9507100635	2	9507100635
ABSISTV	OLD	0302 - 9999	1.125 1.375	Bearing left	1	4611052054	1	4611052054
				Bearing right	1	4611052055	1	4611052055
				Roller bearing for fixed bearing	2	9540120635	2	9540120635
				Connecting rod left	1	4615042026	1	4615042026
				Connecting rod right	1	4615042027	1	4615042027
AB 575 TV	06 AB	0010 - 0000	0.625 0.875	Roller bearing for connecting rod	2	9507100635	2	9507100635
ABOIOTV	00.AD	10.AB 0010 - 9999	1.125 1.375	Bearing left	1	4611052094	1	4611052094
				Bearing right	1	4611052095	1	4611052095
				Roller bearing for fixed bearing	2	9540120635	2	9540120635





Screed	Model	Series	Bolt-on extension	Description	Bolt-on left	extension	Bolt-on right	extension
type		range	(m)		Quantity	Part No.	Quantity	Part No.
				Connecting rod left	1	4615042026	1	4615042026
			0.625 0.875	Connecting rod right	1	4615042027	1	4615042027
AB 575 TP2	07.AB	0010 - 9999		Roller bearing for connecting rod	2	9540120635	2	9540120635
AD 373 11 2	טר. זט	0010 - 3933	1.125 1.375	Bearing left	1	4611052066	1	4611052066
				Bearing right	1	4611052067	1	4611052067
				Roller bearing for fixed bearing	2	9540120635	2	9540120635
		0010 - 0214	0.75	Connecting rod left	1	4615042026	1	4615042026
				Connecting rod right	1	4615042027	1	4615042027
				Roller bearing for connecting rod	2	9540120635	2	9540120635
				Bearing left	1	4611052066	1	4611052066
				Bearing right	1	4611052067	1	4611052067
AB 500 TV, TP	10.AB			Roller bearing for fixed bearing	2	9540120635	2	9540120635
AD 000 TV, TI	10.70			Connecting rod left	1	4615042065	1	4615042026
				Connecting rod right	1	4615042027	1	4615042066
		0215 - 9999	0.75	Roller bearing for connecting rod	2	9540120635	2	9540120635
		3210 0009	1.25	Bearing left	1	4611052066	1	4611052066
				Bearing right	1	4611052067	1	4611052067
				Roller bearing for fixed bearing	2	9540120635	2	9540120635



Screed	Model	Series	Bolt-on extension	Description	Bolt-on left	extension	Bolt-on right	extension
type		range	(m)	·	Quantity	Part No.	Quantity	Part No.
				Connecting rod left	1	4615042057		
				Connecting rod right			1	4615042027
			0.25	Roller bearing for connecting rod	1	9507100635	1	9507100635
				Bearing left	1	4611052116		
				Bearing right			1	4611052067
AB 500-2 TV	14.AB	0010 - 9999		Roller bearing for fixed bearing	1	9540120635	1	9540120635
AD 300-2 TV	14.70	0010 - 9999		Connecting rod left	1	4615042026	1	4615042026
				Connecting rod right	1	4615042027	1	4615042027
			0.75	Roller bearing for connecting rod	2	9507100635	2	9507100635
			1.25	Bearing left	1	4611052066	1	4611052066
				Bearing right	1	4611052067	1	4611052067
				Roller bearing for fixed bearing	2	9540120635	2	9540120635
			0.25	Connecting rod left	1	4615042057		
				Connecting rod right			1	4615042027
				Roller bearing for connecting rod	1	9540120635	1	9540120635
			0.23	Bearing left	1	4611052116		
				Bearing right			1	4611052067
AB 500-2 TP1,	15 AD	0010 0000		Roller bearing for fixed bearing	1	9540120635	1	9540120635
TP2	15.AB	0010 - 9999		Connecting rod left	1	4615042026	1	4615042026
				Connecting rod right	1	4615042027	1	4615042027
			0.75	Roller bearing for connecting rod	2	9540120635	2	9540120635
		1.25	Bearing left	1	4611052066	1	4611052066	
				Bearing right	1	4611052067	1	4611052067
				Roller bearing for fixed bearing	2	9540120635	2	9540120635





Screed	Model	Series	Bolt-on extension	Description	Bolt-on left	extension	Bolt-on extension right	
type		range	(m)	·	Quantity	Part No.	Quantity	Part No.
				Connecting rod left	1	4615042065	1	4615042026
				Connecting rod right	1	4615042027	1	4615042066
AB 600 TV, TP	11.AB	0010 - 9999	0.75	Roller bearing for connecting rod	2	9540120635	2	9540120635
AB 000 TV, TI	וואט	0010 - 3333	1.25	Bearing left	1	4611052066	1	4611052066
			Bearing right	1	4611052067	1	4611052067	
				Roller bearing for fixed bearing	2	9540120635	2	9540120635
				Connecting rod left	1	4615042057		
			0.25	Connecting rod right			1	4615042027
				Roller bearing for connecting rod	1	9507100635	1	9507100635
				Bearing left	1	4611052116		
				Bearing right			1	4611052067
AB 600-2 TV	16.AB	0010 - 9999		Roller bearing for fixed bearing	1	9540120635	1	9540120635
AB 000 2 1V	10.25	0010 3333		Connecting rod left	1	4615042026	1	4615042026
				Connecting rod right	1	4615042027	1	4615042027
			0.75	Roller bearing for connecting rod	2	9507100635	2	9507100635
			0.70	Bearing left	1	4611052066	1	4611052066
				Bearing right	1	4611052067	1	4611052067
				Roller bearing for fixed bearing	2	9540120635	2	9540120635



Screed	Model	Series	Bolt-on extension	Description	Bolt-on left	extension	Bolt-on right	extension
type		range	(m)	·	Quantity	Part No.	Quantity	Part No.
				Connecting rod left	1	4615042057		
				Connecting rod right			1	4615042027
			0.25	Roller bearing for connecting rod	1	9540120635	1	9540120635
			0.25	Bearing left	1	4611052116		
				Bearing right			1	4611052067
AB 600-2 TP1,	17.AB	0010 - 9999		Roller bearing for fixed bearing	1	9540120635	1	9540120635
TP2	IT.AD	0010 - 9999		Connecting rod left	1	4615042026	1	4615042026
				Connecting rod right	1	4615042027	1	4615042027
			0.75	Roller bearing for connecting rod	2	9540120635	2	9540120635
			1.25	Bearing left	1	4611052066	1	4611052066
				Bearing right	1	4611052067	1	4611052067
				Roller bearing for fixed bearing	2	9540120635	2	9540120635
			0.25	Connecting rod left	1	4615042057		
				Connecting rod right			1	4615042027
				Roller bearing for connecting rod	1	9540120635	1	9540120635
				Bearing left	1	4611052102		
				Bearing right			1	4611052101
SB 250, SB 300,	02.SB, 03.SB,	0010 - 9999		Roller bearing for fixed bearing	1	9540120635	1	9540120635
SB 300-2	06.SB	0010 - 9999		Connecting rod left	1	4615042026	1	4615042026
				Connecting rod right	1	4615042027	1	4615042027
			0.50 1.00	Roller bearing for connecting rod	2	9540120635	2	9540120635
			1.50	Bearing left	1	4611052094	1	4611052094
				Bearing right	1	4611052095	1	4611052095
				Roller bearing for fixed bearing	2	9540120635	2	9540120635
				Connecting rod left	1	4615042026	1	4615042026
				Connecting rod right	1	4615042027	1	4615042027
SB 250,	02.SB,	0040 0000	0.75111.	Roller bearing for connecting rod	2	9540120635	2	9540120635
SB 300, SB 300-2	03.SB, 06.SB	0010 - 9999	0.75 Hydr.	Bearing left	1	4611052066	1	4611052066
				Bearing right	1	4611052067	1	4611052067
				Roller bearing for fixed bearing	2	9540120635	2	9540120635







ORIGINAL VÖGELE SCREED PLATES

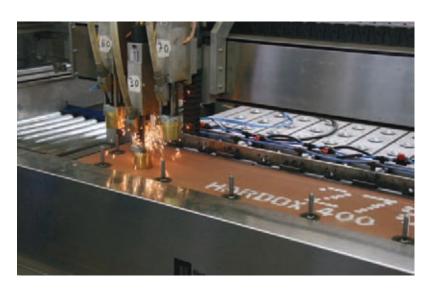


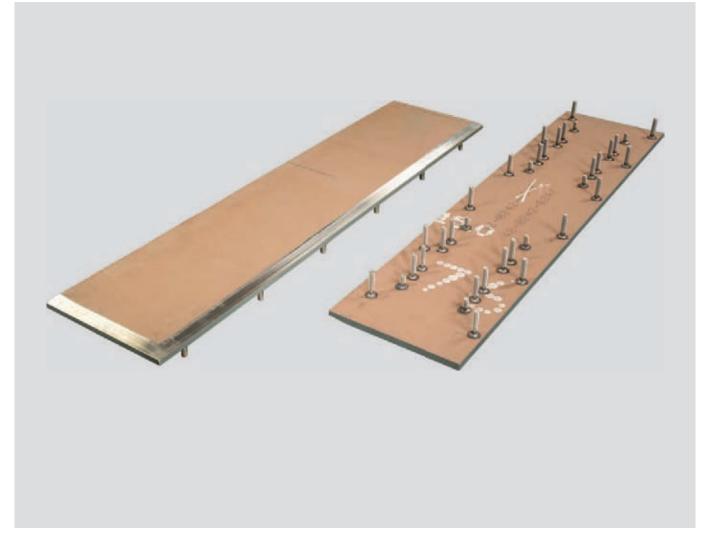
The screed plates are so designed as to wear down evenly. The use of highly wear resistant steel for manufacture prolongs the screed plates' service lives, thus enhancing your paver's readiness for service.

Vögele screed plates are attached to the screed frame by sturdy welded bolts.

Their locking nuts secured by micro adhesive bonding provide for a lasting joint, withstanding also dynamic stresses.

The screed plates come with leading edges that are bevelled, allowing them to better pack the mix under the screed.





ORIGINAL VÖGELE SCREED PLATES FOR BASIC AND **EXTENDING SCREEDS**



Corood to a	Model	Corioo renes	Basic screed		Extending sci	reed
Screed type	Model	Series range	left	right	left	right
AD 000 V	10.40	0010 - 0546	2014155		2014140	2014137
AB 200 V	12.AB	0547 - 9999	2057184		2057411	2057420
AB 200 TV	12.AB	0010 - 9999	2014155		2014140	2014137
AB 210	SUPER BOY	0010 - 9999	4602416871		4602416872	4602416873
AD 045	00.40	0010 - 0112	4602426901	4602426902	4602426920	4602426921
AB 315	09.AB	0113 - 9999	4602427699	4602427700	4602427719	4602427720
AB 340 V	13.AB	0010 - 9999	2060797	2060781	2060812	2060809
AB 340 TV	13.AB	0010 - 9999	2042760	2042924	2043503	2043504
AB 375 TV	01.AB	0010 - 9999	4602419400	4602419401	4602419403	4602419405
AB 375 TP1	02.AB	0010 - 9999	4602417620	4602417621	4602417610	4602417612
AB 475 TV	03.AB	0010 - 9999	4602424149	4602424150	4602424948	4602424949
AB 475 TP1	04.AB	0010 - 9999	4602424149	4602424150	4602424152	4602424153
AB 475 TP2	05.AB	0010 - 9999	4602424149	4602424150	4602424152	4602424153
AB 575 TV	06.AB	0010 - 9999	4602424955	4602424956	4602424958	4602424959
AB 575 TP2	07.AB	0010 - 9999	4602424955	4602424956	4602424972	4602424973
AB 500 TV	10.AB	0010 - 9999	4602426246	4602426247	4602427998	4602427999
AB 500 TV*	10.AB	0010 - 9999	2030819	2030820	2030822	2030823
AB 500 TP1	10.AB	0010 - 9999	4602426246	4602426247	4602427998	4602427999
AB 500 TP2	10.AB	0010 - 9999	4602426246	4602426247	4602427998	4602427999
AB 500-2 TV	14.AB	0010 - 9999	2042535	2042536	2042538	2042539
AB 500-2 TP1	15.AB	0010 - 9999	2042535	2042536	2042538	2042539
AB 500-2 TP2	15.AB	0010 - 9999	2042535	2042536	2042538	2042539
AB 600 TV	11.AB	0010 - 9999	4602428170	4602428171	4602428173	4602428174
AB 600 TV*	11.AB	0010 - 9999	2031119	2031122	2031125	2031127
AB 600 TP1	11.AB	0010 - 9999	4602428170	4602428171	4602428173	4602428174
AB 600 TP2	11.AB	0010 - 9999	4602428170	4602428171	4602428173	4602428174
AB 600-2 TV	16.AB	0010 - 9999	2052858	2052859	2052887	2052893
AB 600-2 TP1	17.AB	0010 - 9999	2052858	2052859	2052887	2052893
AB 600-2 TP2	17.AB	0010 - 9999	2052858	2052859	2052887	2052893
VR 600-2 V	18.AB	0010 - 9999	2171786	2171789	2119871	2120665
SB 250	02.SB	0010 - 9999	4602418916	4602418917		
SB 300	03.SB	0010 - 9999	4602418082	4602418083		
SB 300-2	06.SB	0010 - 9999	4602418082	4602418083		

^{*} Screed plates 330 mm deep



ORIGINAL VÖGELE SCREED PLATES FOR BOLT-ON EXTENSIONS

AB 315 09.AB	718 758
AB 200 V 12.AB 0547 - 9999 0.35 2057718 20577 AB 200 TV 12.AB 0010 - 9999 0.60 2057758 20577 AB 315 09.AB 0010 - 0112 0.425 4602427062 46024 AB 340 V 13.AB 0010 - 9999 0.40 2050862 20508 AB 340 TV 13.AB 0010 - 9999 0.40 2050862 20508	718 758
AB 200 TV 12.AB 0010 - 9999 0.60 2057758 20577 AB 200 TV 12.AB 0010 - 9999 0.35 2028016 20280 AB 315 09.AB 0010 - 0112 0.425 4602427062 46024 AB 340 V 13.AB 0010 - 9999 0.40 2060829 20608 AB 340 TV 13.AB 0010 - 9999 0.40 2050862 20508	758
AB 200 TV 12.AB 0010 - 9999 0.35 2028016 202800 AB 315 09.AB 0010 - 0112 0.425 4602427062 46024 AB 340 V 13.AB 0010 - 9999 0.40 2060829 20608 AB 340 TV 13.AB 0010 - 9999 0.40 2050862 20508	
AB 200 TV 12.AB 0010 - 9999 0.60 2030798 20307 AB 315 09.AB 0010 - 0112 0.425 4602427062 46024 AB 340 V 13.AB 0010 - 9999 0.40 2060829 20608 AB 340 TV 13.AB 0010 - 9999 0.40 2050862 20508	116
AB 315 O9.AB O9.AB O9.AB O010 - 0112 O.425 O113 - 9999 O.425 A602427762 46024 4602427772 46024 4602427772 46024 AB 340 V 13.AB O010 - 9999 O.40 2050862 20508	710
AB 315 09.AB 0113 - 9999 0.425 4602427772 46024 AB 340 V 13.AB 0010 - 9999 0.40 2060829 20608 AB 340 TV 13.AB 0010 - 9999	'98
AB 340 V 13.AB 0010 - 9999 0.425 4602427772 46024 AB 340 V 13.AB 0010 - 9999 0.40 2060829 20608 AB 340 TV 13.AB 0010 - 9999	27230
AB 340 TV 13.AB 0010 - 9999 0.40 2050862 20508	127773
AB 340 TV 13.AB 0010 - 9999	329
0.55 2046968 20469	362
	068
AB 275 01 AB 02 AB 0010 0000 0.25 4602424250 46024	124250
AB 375 01.AB, 02.AB 0010 - 9999 0.50 4602424950 46024	124950
0.25 4602424962 46024	124962
	124964
AB 475 TV, AB 575 TV 03.AB, 06.AB 0010 - 9999 0.875 4602424965 46024	124965
	124966
1.375 4602424967 46024	124967
0.25 4602424250 46024	124250
	124243
AB 475 TP, AB 575 TP 04.AB, 05.AB, 07.AB 07.AB 0010 - 9999 0.875 4602424156 46024	124156
	124951
1.375 4602424971 46024	124971
	128068
AB 500 TV, AB 600 TV 10.AB, 11.AB 0010 - 9999 0.75 4602426519 46024	126520
	128228
AB 500 TV*, 0.225 2032258 20322	258
AB 600 TV* 10.AB, 11.AB 0010 - 9999 0.75 2031131 20311	32
	128068
AB 500 TP2, AB 600 TP1, 10.AB, 11.AB 0010 - 9999 0.75 4602426519 46024	126520
	128228
0.25 2040876 20408	376
AB 500-2 TV, AB 600-2 TV 14.AB, 16.AB 0010 - 9999 0.75 2043246 20432	247
1.25 2043248 20432	248
AB 500-2 TP1, 0.25 2040876 20408	376
AB 500-2 TP2, AB 600-2 TP1, 15.AB, 17.AB 0010 - 9999 0.75 2043246 20432	247
AB 600-2 TP2 1.25 2043248 20432	248
VR 600-2 V 18.AB 0010 - 9999 0.65 2123601 21261	71
0.25 4602418642 46024	118642
SB 250, 0.50 4602418098 46024	118098
	125220
SB 300-2 1.00 4602418086 46024	118087
1.50 4602418084 46024	118085

^{*} Screed plates 330 mm deep







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ORIGINAL VÖGELE PRESSURE BARS

The pressure bars driven by pulsed-flow hydraulics produce highest density and, in doing so, they are exposed to severe strain. Vögele pressure bars are made of a highly wear resistant material. Induction hardening optimizes the material's hardening depth and achieves absolutely uniform hardening over the bar's full length.

The pressure bars come with heating rods installed inside, allowing them to achieve highest pavement quality very economically.

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Corood turo	Model	Sorios rango	Description	Basic scree	d	Extending s	creed
Screed type	Model	Series range	Description	left	right	left	right
AB 375 TP1	02.AB	0010 - 9999	Pressure bar P1	4611353004	4611353005	4611353006	4611353007
AB 475 TP1	04.AB	0010 - 9999	Pressure bar P2	4611352841	4611352842	4611353343	4611353345
		0010 - 0025	Pressure bar P1	4611352839	4611352840	4611353342	4611353344
			Pressure bar P2	4611352841	4611352842	4611353343	4611353345
AB 475 TP2	05.AB	4001 - 4104	Pressure bar P1	4611352742	4611352743	4611352746	4611352747
AD 4/3 1F2	05.Ab	4001 - 4104	Pressure bar P2	4611352744	4611352745	4611352748	4611352749
		4105 - 9999	Pressure bar P1	4611352839	4611352840	4611353342	4611353344
		4103 - 9999	Pressure bar P2	4611352841	4611352842	4611353343	4611353345
AB 575 TP2	07.AB	0010 - 9999	Pressure bar P1	4611352780	4611352781	4611353346	4611353348
AD 373 TFZ	UI.AD	0010 - 9999	Pressure bar P2	4611352782	4611352783	4611353347	4611353349
AB 500 TP1	10.AB	0010 - 9999	Pressure bar P2	2004023	2004024	2004027	2004028
AB 500 TP2	10.AB	0010 - 9999	Pressure bar P1	2004020	2004022	2004025	2004026
AB 300 11 2	10.70	0010 3333	Pressure bar P2	2004023	2004024	2004027	2004028
AB 500-2 TP1	15.AB	0010 - 9999	Pressure bar P2	2004023	2004024	2004027	2004028
AB 500-2 TP2	15.AB	0010 - 9999	Pressure bar P1	2004020	2004022	2004025	2004026
AD 300-2 11 2	13.70	0010 - 9999	Pressure bar P2	2004023	2004024	2004027	2004028
AB 600 TP1	11.AB	0010 - 9999	Pressure bar P2	2004575	2004576	2004579	2004580
AB 600 TP2	11.AB	0010 - 9999	Pressure bar P1	2004573	2004574	2004577	2004578
AB 000 11 2	TIAD	0010 3333	Pressure bar P2	2004575	2004576	2004579	2004580
AB 600-2 TP1	17.AB	0010 - 9999	Pressure bar P2	2004575	2004576	2004579	2004580
AB 600-2 TP2	17.AB	0010 - 9999	Pressure bar P1	2004573	2004574	2004577	2004578
71B 000 Z 11 Z	17.57.0	0010 0000	Pressure bar P2	2004575	2004576	2004579	2004580
SB 250 TP1	02.SB	0010 - 9999	Pressure bar P2	4611353212	4611353213		
SB 250 TP2	02.SB	0010 - 9999	Pressure bar P1	4611353210	4611353211		
	02.00		Pressure bar P2	4611353212	4611353213		
SB 300 TP1	03.SB	0010 - 9999	Pressure bar P2	4611353109	4611353110		
SB 300 TP2	03.SB	0010 - 9999	Pressure bar P1	4611353107	4611353108		
			Pressure bar P2	4611353109	4611353110		
SB 300-2 TP1	06.SB	0010 - 9999	Pressure bar P2	4611353109	4611353110		
SB 300-2 TP2	06.SB	0010 - 9999	Pressure bar P1	4611353107	4611353108		
13 000 2 2	11.02		Pressure bar P2	4611353109	4611353110		



AB 375 TP1	Cavaad tura	Madal	Description	Bolt-on extension	Pressure bar			
AB 375 TP1	Screed type	Model	Description	(m)	left	right		
Pressure bar P2	AD 275 TD1	02 AP	Pressure bar P2	0.25	4611353116	4611353120		
AB 475 TP1 O4.AB Pressure bar P2	AD 3/3 IFI	UZ.AD	Pressure bar P2	0.50	4611353011	4611353012		
AB 475 TP1 04 AB Pressure bar P2 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P1 Pressure bar P1 Pressure bar P2 Pressure bar P2 Pressure bar P1 Pressure bar P1 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P2 Double Pressure bar			Pressure bar P2	0.25	4611353116	4611353120		
Pressure bar P2			Pressure bar P2	0.625	4611353192	4611353194		
Pressure bar P2	AB 475 TP1	04.AB	Pressure bar P2	0.875	4611353085	4611353087		
Pressure bar P1			Pressure bar P2	1.125	4611352975	4611352979		
Pressure bar P2			Pressure bar P2	1.375	4611353390	4611353392		
Pressure bar P2 Pressure bar P2 Pressure bar P3 A611353191 A611353192 A611353086 A611353086 A611353086 A611353086 A611353086 A611353087 A611353086 A611353086 A611353086 A611353086 A611353089 A611353089 A611353089 A611353399 A611353389 A611353390 A611353389 A611353389 A611353389 A611353886 A61353686			Pressure bar P1	0.05	4611353115	4611353119		
AB 475 TP2,			Pressure bar P2	0.25	4611353116	4611353120		
AB 475 TP2,			Pressure bar P1	0.005	4611353191	4611353193		
AB 576 TP2 Pressure bar P2 Pressure bar P1 Pressure bar P1 Pressure bar P1 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P2 Do.225 A611353390 A611353392 A611353392 A611353392 A611353392 A611353392 A611353392 A611353392 A611353666 A611353166 A611353166 A611353116 A611353126 A611353126 A611353126 A611353126 A611353126 A611353136 A611353126 A611353136 A6			Pressure bar P2	0.625	4611353192	4611353194		
AB 5/5 IP2 Pressure bar P2	AB 475 TP2,	05.AB,	Pressure bar P1	0.075	4611353084	4611353086		
Pressure bar P2	AB 575 TP2	07.AB	Pressure bar P2	0.875	4611353085	4611353087		
Pressure bar P2			Pressure bar P1	4.405	4611352974	4611352978		
AB 500 TP1, AB 600 TP2			Pressure bar P2	1.125	4611352975	4611352979		
AB 500 TP1, AB 600 TP1			Pressure bar P1	4.075	4611353389	4611353391		
AB 500 TP1, AB 600 TP1 AB 600 TP2 AB 500 TP2, AB 600 TP2 AB 500 TP2, AB 600 TP2 AB 500			Pressure bar P2	1.375	4611353390	4611353392		
AB 600 TP1 11.AB Pressure bar P2 1.25 2004612 2004613 4611353683 4611353686 AB 11353686 AB 500 TP2, AB 600 TP2 AB 600 TP2 Pressure bar P1 Pressure bar P2 Pressure bar P2 Pressure bar P2 Pressure bar P2 1.25 2004600 2004601 2004601 2004611 2004613 Pressure bar P2 Pre			Pressure bar P2	0.225	4611353685	4611353686		
Pressure bar P2			Pressure bar P2	0.75	2004603	2004604		
AB 500 TP2, 10.AB, Pressure bar P2	AD 000 IPI	II.AD	Pressure bar P2	1.25	2004612	2004613		
Pressure bar P2 AB 500 TP2, AB 600 TP2 11.AB Pressure bar P1 Pressure bar P2 AB 500-2 TP1, AB 600-2 TP1 AB 500-2 TP1 AB 600-2 TP1 AB 500-2 TP2 A			Pressure bar P1	0.005	4611353681	4611353683		
AB 600 TP2 11.AB Pressure bar P2 Pressure bar P1 Pressure bar P2 Pressure bar P2 Pressure bar P2 Pressure bar P2 1.25 2004610 2004611 2004613 2004613 2004613 2004613 2004613 2004613 2004613 2004613 2004613 2004613 2004613 2004613 2004613 2004613 2004603 2004604 2004603 2004604 2004603 2004604 2004613 2004603 2004604 2004613 2004612 2004613 2004612 2004613 2004613 2004612 2004613 2004612 2004613 2004612 2004613 2004604 2004604 2004604 2004601 2004603 2004604 2004601 20046			Pressure bar P2	0.225	4611353685	4611353686		
AB 600 TP2 11.AB Pressure bar P2 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P2 Pressure bar P2 1.25 2004612 2004613 2004613 2004614 2004613 2004613 2004612 2004613 2004613 2004614 2004613 2004613 2004614 2004613 2004603 2004604 2004603 2004604 2004603 2004604 2004603 2004604 2004613 2004612 2004613 2004612 2004613 2004613 2004612 2004613 2004613 2004604 20041252 20041252 20041252 20041252 20041253 AB 500-2 TP2, 15.AB, Pressure bar P2 Pressure bar P2 17.AB Pressure bar P2 17.AB Pressure bar P2 Pressure bar P2 1.25 2004603 2004604 2004601 2004601 2004601 2004611 2004611 2004611 2004611 2004611 2004611 2004611 2004611 2004613 2004602 2004603 2004604 2004603 2004604 2004603 2004604 2004601 2004611 2004611 2004611 2004611 2004611 2004613 2004610 2004611 2004613 2004603 2004604 2004603 2004604 2004603 2004604 2004603 2004604 2004603 2004604 2004610 2004611 2004611 2004611 2004613 2004613 2004613 2004604 2004603 2004604 2004603 2004604 2004603 2004604 2004610 2004611 2004613 2004613 2004613 2004613 2004613 2004613 2004613 2004603 2004604 2004613 2004603 2004604 2004613 2004603 2004604 2004613 2004603 2004604 2004613 200	AB 500 TP2,		Pressure bar P1	0.75	2004600	2004601		
AB 500-2 TP1, AB 600-2 TP1 17.AB Pressure bar P2 0.25 2041252 2041253 204604 2060-2 TP1 17.AB Pressure bar P2 0.75 2004603 2004604 2004604 20046013 2004604 20046013 2004604 20046013 2004604 20046013 2004604 20046013 2004604 2004601 20046013 2004604 2004601 20046			Pressure bar P2	0.75	2004603	2004604		
AB 500-2 TP1, AB 600-2 TP1			Pressure bar P1	4.05	2004610	2004611		
AB 500-2 TP1, AB 600-2 TP1			Pressure bar P2	1.25	2004612	2004613		
AB 600-2 TP1	AD 500 0 TD4	45.40	Pressure bar P2	0.25	2041252	2041253		
Pressure bar P2			Pressure bar P2	0.75	2004603	2004604		
AB 500-2 TP2,	AD 000-2 11 1	17.70	Pressure bar P2	1.25	2004612	2004613		
AB 500-2 TP2, 15.AB, Pressure bar P2			Pressure bar P1	0.05	2041249	2041251		
AB 600-2 TP2 17.AB Pressure bar P2			Pressure bar P2	0.25	2041252	2041253		
AB 600-2 IP2	AB 500-2 TP2,	15.AB,	Pressure bar P1	0.75	2004600	2004601		
Pressure bar P2 Pressure bar P2 D.25 A611353116 A611353120 SB 250 TP1, SB 300 TP1, SB 300 TP1, SB 300 TP1, SB 300-2 TP1 O6.SB Pressure bar P2 D.50 A611353124 A611353128 A611353132 A611353136 Pressure bar P2 D.50 A611353132 A611353136 Pressure bar P2 D.25 A611353115 A611353119 Pressure bar P1 Pressure bar P2 Pressure bar P2 Pressure bar P1 Pressure bar P2 D.50 A611353123 A611353127 A611353128 SB 250 TP2, SB 300 TP2 Pressure bar P1 D.50 A611353124 A611353128 A611353128 A611353131 A611353135 A611353131 A611353135 A611353131 A611353135 A611353131 A611353136 A611353131 A611353131 A611353132 A611353131 A611353133 A611353131 A6113531	AB 600-2 TP2	17.AB	Pressure bar P2	0.75	2004603	2004604		
Pressure bar P2 Pressure bar P2 O.25 4611353116 4611353120 SB 250 TP1, SB 300 TP1, O3.SB, Pressure bar P2 O.50 4611353124 4611353128 Pressure bar P2 O.75 (extensible) O6.SB Pressure bar P2 1.00 4611353132 4611353136 Pressure bar P2 1.50 4611353115 4611353144 Pressure bar P1 Pressure bar P2 O.25 4611353116 4611353119 Pressure bar P1 Pressure bar P2 O.50 SB 250 TP2, SB 300 TP			Pressure bar P1	1.05	2004610	2004611		
SB 250 TP1, SB 300 TP2, SB 300 TP2 TP2 Description of the property of the prope			Pressure bar P2	1.25	2004612	2004613		
SB 300 TP1, 03.SB, 06.SB Pressure bar P2 0.75 (extensible) 4611353465 4611353466 SB 300-2 TP1 06.SB Pressure bar P2 1.00 4611353132 4611353136 Pressure bar P2 1.50 4611353132 4611353144 Pressure bar P2 0.25 4611353115 4611353119 Pressure bar P2 0.50 4611353123 4611353120 Pressure bar P1 0.50 4611353123 4611353127 Pressure bar P2 Pressure bar P2 0.50 4611353124 4611353128 Pressure bar P2 Pressure bar P1 0.75 (extensible) 4611353465 4611353468 Pressure bar P2 Pressure bar P1 Pressure bar P2 Pressure bar P1 A611353132 4611353135 Pressure bar P1 Pressure bar P1 A611353139 4611353143			Pressure bar P2	0.25	4611353116	4611353120		
SB 300-2 TP1 06.SB Pressure bar P2 1.00 4611353132 4611353136 Pressure bar P2 1.50 4611353140 4611353144 Pressure bar P1 0.25 4611353115 4611353119 Pressure bar P2 0.50 4611353116 4611353120 Pressure bar P1 0.50 4611353123 4611353127 Pressure bar P2 0.50 4611353123 4611353127 Pressure bar P2 0.50 4611353124 4611353128 Pressure bar P1 0.75 (extensible) 4611353467 4611353468 Pressure bar P2 0.75 (extensible) 4611353131 4611353135 Pressure bar P2 1.00 4611353132 4611353136 Pressure bar P1 1.00 4611353132 4611353136 Pressure bar P1 1.00 4611353132 4611353136 Pressure bar P1 1.00 4611353139 4611353143	SB 250 TP1,	02.SB,	Pressure bar P2	0.50	4611353124	4611353128		
Pressure bar P2 Pressure bar P2 SB 250 TP2, SB 300 TP2, SB 300-2 TP2 SB 300-2 TP2 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P1 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P1 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure		03.SB,	Pressure bar P2	0.75 (extensible)	4611353465	4611353466		
Pressure bar P1 Pressure bar P2 Pressure bar P2 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P1 Pressure bar P2 Pressure bar P2 O.50 4611353115 4611353120 4611353123 4611353127 4611353124 4611353128 Pressure bar P1 O.75 (extensible) Pressure bar P2 Pressure bar P1 Pressure bar P2 Pressure bar P2 Pressure bar P1 Pressure bar P2 Pressure bar P1 Pressure bar P2 Pressure bar P1	SB 300-2 TP1	06.SB	Pressure bar P2	1.00	4611353132	4611353136		
Pressure bar P2 Pressure bar P1 Pressure bar P2 O.25 4611353116 4611353120 4611353121 4611353127 4611353123 4611353127 Pressure bar P2 O.50 SB 250 TP2, SB 300 TP2, SB 300 TP2, SB 300 TP2, O6.SB Pressure bar P1 O6.SB O75 (extensible) O75			Pressure bar P2	1.50	4611353140	4611353144		
SB 250 TP2, SB 300 TP2, SB 300-2 TP2 SB 300-2 TP2 SB 250 TP2, Pressure bar P1 O2.SB, O6.SB O2.SB, O6.SB O2.SB, O75 (extensible) Pressure bar P2 O.50 4611353123 4611353124 4611353128 Pressure bar P1 O.75 (extensible) Pressure bar P2 1.00 4611353131 4611353135 4611353136 4611353136 4611353136 4611353131 4611353136			Pressure bar P1	0.25	4611353115	4611353119		
SB 250 TP2,			Pressure bar P2	0.23	4611353116	4611353120		
SB 250 TP2, SB 300 TP2, SB 300 TP2, SB 300-2 TP2 O2.SB, O3.SB, O6.SB Pressure bar P1 Pressure bar P2 O.75 (extensible) O.75 (extensible) Pressure bar P2 Pressure bar P2 O.75 (extensible) 4611353131 4611353135 Pressure bar P2 Pressure bar P1 Pressure bar P1 Pressure bar P1 Pressure bar P1 1.00 4611353132 4611353136 Pressure bar P1 1.50				0.50	4611353123	4611353127		
SB 300 TP2, SB 300-2 TP2 03.SB, 06.SB Pressure bar P2 0.75 (extensible) 4611353465 4611353466 Pressure bar P1 1.00 4611353132 4611353136 Pressure bar P1 1.50 4611353139 4611353143	OD 050 TD0	00.00	Pressure bar P2	0.30	4611353124	4611353128		
SB 300-2 TP2 06.SB Pressure bar P2 4611353466 4611353135 4611353135 4611353135 Pressure bar P2 1.00 4611353132 4611353136 Pressure bar P1 1.50		03.SB,		02.SB,	Pressure bar P1	0.75 (extensible)	4611353467	4611353468
Pressure bar P1 Pressure bar P2 1.00 4611353131 4611353135 4611353136 Pressure bar P1 1.50 4611353139 4611353143			Pressure bar P2	U.73 (EXTERISIDIE)	4611353465	4611353466		
Pressure bar P2 4611353132 4611353136 Pressure bar P1 4611353139 4611353143	32 000 E 11 E	30.02	Pressure bar P1	1.00	4611353131	4611353135		
1.50			Pressure bar P2	1.00	4611353132	4611353136		
Pressure bar P2 4611353140 4611353144			Pressure bar P1	1.50	4611353139	4611353143		
			Pressure bar P2	1.30	4611353140	4611353144		





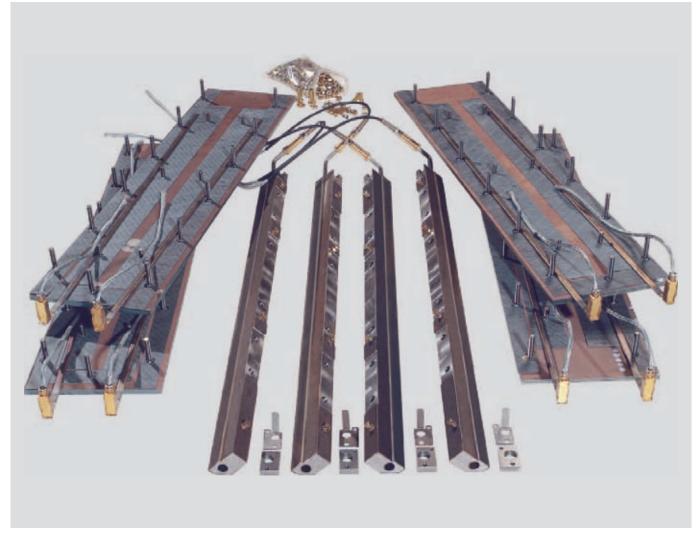
ORIGINAL VÖGELE SERVICE PACKAGES FOR BOLT-ON EXTENSIONS

The all-round solution for your screed

With our packages for screeds you are on the safe side at all times when it comes to quickly exchange parts.

The service packages available for all screed models include screed plates, tamper bar, pressure bar(s) (for TP1 and TP2 screed versions), heating rods, spring steel strips for tamper bars and pressure bars as well as all insulating and mounting materials.







Screed type	Model	Series range	Service package with 10 mm screed plates	Service package with 12 mm screed plates	Service package with 15 mm screed plates	Service package with 15 mm screed plates*
AB 200 V	12.AB	0001 - 0546 0547 - 9999	2037577 2074368			
AB 200 TV	12.AB	0001 - 0289 0290 - 9999	2037578 2049834			
AB 215	SUPER BOY	0001 - 9999	4617500044			
AB 315	09.AB	0001 - 0112 0113 - 0153 0154 - 9999		4617500102 2003359 2036104		
AB 340 V	13.AB	0001 - 0492 0493 - 9999	2069226 2135330			
AB 340 TV	13.AB	0001 - 9999		2069225		
AB 375 TV	01.AB	0001 - 6064 6065 - 9999		4617500001 4617500003	4617500002 4617500004	
AB 375 T	01.AB	6293 - 9999		2224238		
AD 000 TD /		0001 - 6064		4617500005	4617500006	
AB 375 TP1	02.AB	6065 - 9999 0010 - 0817		4617500007	4617500008 4617500096	
AB 475 TV	03.AB	1102 - 9999		4617500009	4617500010	
AB 475 TP1	OLD	0100 - 0140		4617500012	4617500013	
AB 475 TP1	04.AB	0010 - 9999			4617500014	
AB 475 TP2	05.AB	0010 - 0025 4001 - 4104 4105 - 9999		4617500015 4617500017	4617500019 4617500016 4617500018	
AB 575 TV	OLD	0502 - 1314		4617500020	4617500010	
AB 575 TV	06.AB	0010 - 9999		4017000020	4617500022	
AB 575 TP2	07.AB	0010 - 0206		4047500000	4617500025	
AB 500 TV	10.AB	5001 - 9999 0001 - 9999		4617500023	4617500024 2009421	2047365
AB 500 TV	10.AB	0001 - 9999			2009421	2047303
AB 500 TP2	10.AB	0001 - 9999			2009423	
AB 500-2 TV	14.AB	0001 - 9999			2000-120	2051692
AB 500-2 TP1	15.AB	0001 - 9999				2051693
AB 500-2 TP2	15.AB	0001 - 9999				2051694
AB 600 TV	11.AB	0001 - 9999			2013177	2047510
AB 600 TP1	11.AB	0001 - 9999			2013178	
AB 600 TP2	11.AB	0001 - 9999			2013179	
AB 600-2 TV	16.AB	0001 - 9999				2073390
AB 600-2 TP1	17.AB	0001 - 9999				2073391
AB 600-2 TP2	17.AB	0001 - 9999				2073392
VR 600-2 V	18.AB	0001 - 9999		2204910		
SB 250 TV	02.SB	0001 - 9999			4617500026	
SB 250 TP1	02.SB	0001 - 9999			4617500027	
SB 250 TP2	02.SB	0001 - 9999			4617500028	
SB 300 TV	03.SB	0001 - 9999			4617500029	
SB 300 TP1	03.SB	0001 - 9999			4617500030	
SB 300 TP2	03.SB	0001 - 9999			4617500031	
SB 300-2 TV	06.SB	0001 - 9999			2166156	
SB 300-2 TP1 SB 300-2 TP2	06.SB 06.SB	0001 - 9999 0001 - 9999			2166157 2166158	

^{* 330} mm deep

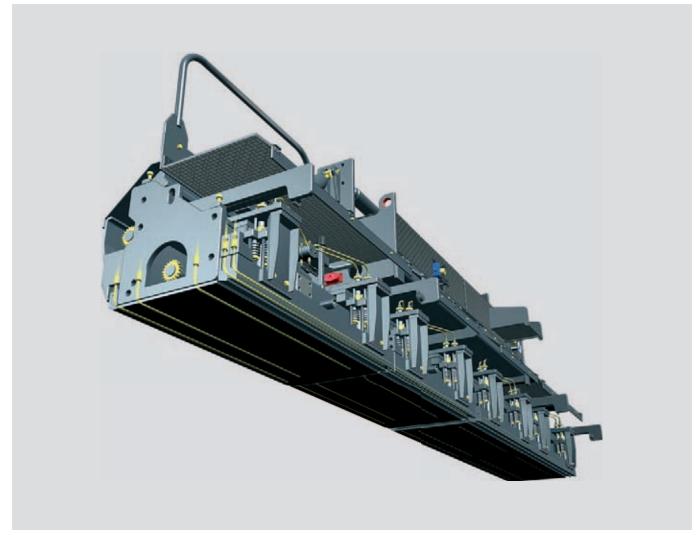


ORIGINAL VÖGELE SERVICE PACKAGES FOR BOLT-ON EXTENSIONS

The all-round solution for your bolt-on extensions

For your paving jobs in large widths, benefit from our service packages for bolt-on extensions. Just like the service packages for screeds, they include all wearing parts for a set of bolt-on extensions, left-hand and right-hand sides, in fact screed plates, tamper bar, pressure bar(s) (for TP screeds), heating rods, spring steel strips for tamper bars and pressure bars as well as all insulating and mounting materials.







Screed type	Model	Series range	Bolt-on extension (m)	Part No.
AD 200 V	12.AB	546 - 9999	0.35	2037579
AB 200 V	12.Ab	0547 - 9999	0.35	2074369
AB 200 TV	12.AB	0010 - 9999	0.35	2037580
AB 200 TV	12.Ab	0010 - 9999	0.60	2037581
		0010 - 0112	0.425	4617500103
AB 315 TV	09.AB	0113 - 0153	0.425	2008032
		0154 - 9999	0.425	2036106
		0814 - 9999	0.25	2225607
AB 340 V	13.AB	0010 - 0492	0.40	2069228
		0493 - 9999	0.40	2135333
		0623 - 9999	0.25	2184162
AD 040 TV	13.AB	0010 - 9999	0.40	2069227
AB 340 TV	IS.AD	0010 - 9999	0.55	2069229
		0402 - 9999	0.80	2160123
AB 375 T	01.AB	6293 - 9999	0.25	2224239
AD 3/3 I	UI.Ab	0293 - 9999	0.50	2224240
			0.225	2013180
			0.225*	2047511
AB 500 TV, AB 600 TV	10.AB, 11.AB	0010 - 9999	0.75	2009424
			0.75*	2047509
			1.25	2013200
			0.225	2013181
AB 500 TP1, AB 600 TP1	10.AB, 11.AB	0010 - 9999	0.75	2009425
			1.25	2013183
			0.225	2013182
AB 500 TP2, AB 600 TP2	10.AB, 11.AB	0010 - 9999	0.75	2009426
			1.25	2013184
			0.25	2051719
AB 500-2 TV, AB 600-2 TV	14.AB, 16.AB	0010 - 9999	0.75	2051728
			1.25	2051736

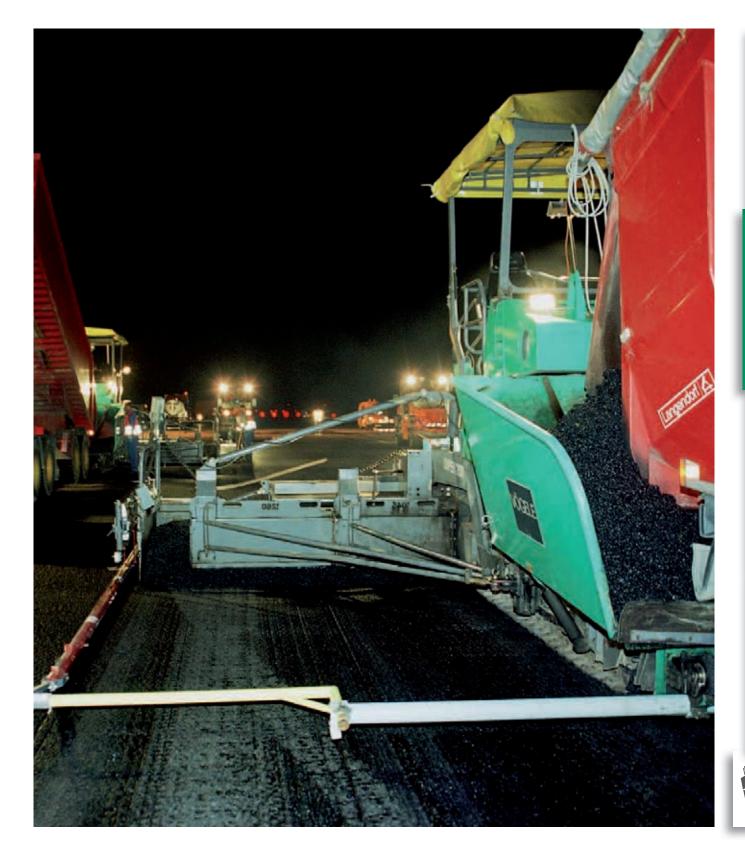
^{*} Screed plates 330 mm deep



ORIGINAL VÖGELE SERVICE PACKAGES FOR BOLT-ON EXTENSIONS

Screed type	Model	Series range	Bolt-on extension (m)	Part No.
			0.25	2051720
AB 500-2 TP1, AB 600-2 TP1	15.AB, 17.AB	0010 - 9999	0.75	2051729
			1.25	2051737
			0.25	2051721
AB 500-2 TP2, AB 600-2 TP2	15.AB, 17.AB	0010 - 9999	0.75	2051730
			1.25	2051738
VR 600-2 V	18.AB	0010 - 9999	0.65	2228882
			0.25	4617500032
			0.50	4617500035
SB 250 TV, SB 300 TV	02.SB, 03.SB	0010 - 9999	0.75 (extensible)	2047480
			1.00	4617500038
			1.50	4617500041
			0.25	4617500033
			0.50	4617500036
SB 250 TP1, SB 300 TP1	02.SB, 03.SB	0010 -9999	0.75 (extensible)	2047481
			1.00	4617500039
			1.50	4617500042
			0.25	4617500034
			0.50	4617500037
SB 250 TP2, SB 300 TP2	02.SB, 03.SB	0010 - 9999	0.75 (extensible)	2047483
			1.00	4617500040
			1.50	4617500043
			0.25	2166451
			0.50	2166454
SB 300-2 TV	06.SB	0010 - 9999	0.75 (extensible)	2166459
			1.00	2166462
			1.50	2166465
			0.25	2166452
			0.5	2166455
SB 300-2 TP1	06.SB	0010 - 9999	0.75 (extensible)	2166460
			1.00	2166463
			1.50	2166467
			0.25	2166453
			0.50	2166456
SB 300-2 TP2	06.SB	0010 - 9999	0.75 (extensible)	2166461
			1.00	2166464
			1.50	2166468





ELECTRIC SCREED HEATING AND INTELLIGENT GENERATOR MANAGEMENT



Vögele is the technology leader in the field of electric screed heating. In 1952, Vögele was the first manufacturer to use this highly efficient and eco-friendly method, has applied it ever since and contributed substantially to its development by many innovations until these present times.

All compacting elements coming into touch with the hot mix are heated across the full pave width in order to optimally support compaction and achieve a smooth surface texture. Hot mix is prevented from sticking to screed elements and an ideal environment is created in terms of temperature for the floating of the screed.

Tamper bars and pressure bars are fitted with heating rods providing for uniform heating.

For the screed plate, a heating rod distributing the heat over a large area is fitted as standard. An extra one is availble as an option. Bevel irons for the pavement edges, too, can be equipped with heating rods.

In all Vögele pavers powerful and sturdy threephase generators are installed to supply the electric power for screed heating. An intelligent Generator Management achieves optimum efficiency and ensures that irrespective of engine rpm the power needed for heating your screed in its current pave width is made available. Power reserves can be used for paving.

Even with the engine set to minimum rpm, the screed's compacting elements are heated to operating temperature within just a few minutes. With paver functions set to automatic, the Generator Management activates Alternating Mode, which then heats your screed alternately to left and right.



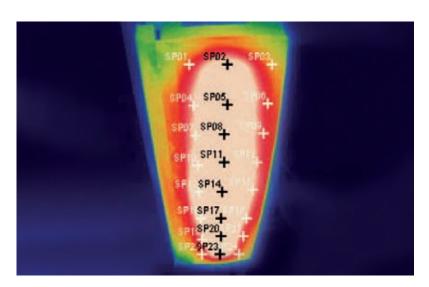
This is a typical Vögele feature, a truly intelligent principle:

- Operating temperature remains constant.
- Power requirement is halved, as only one half of the screed is being heated at any one time.
- The generator is effectively protected against overheating.
- No charring of bitumen as local overheating is positively avoided.



USING ELECTRIC POWER THE SMART WAY, **COMPLYING WITH THE DEMAND**

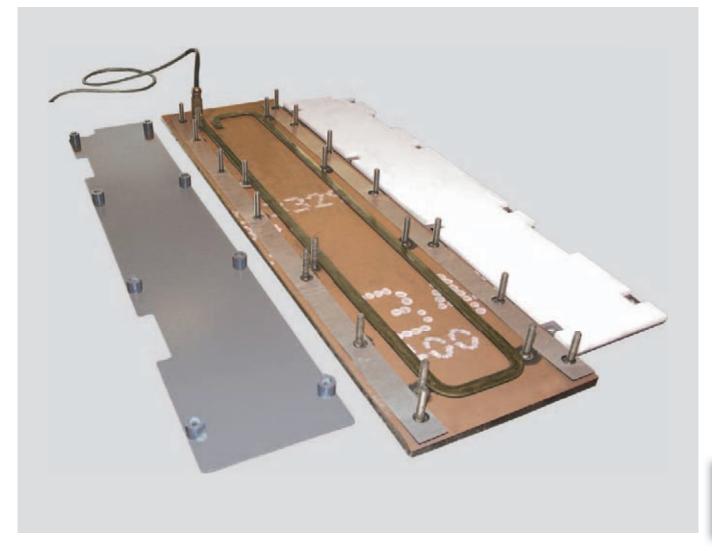




Optimal distribution of heat and uniform heating of screed plates prevents strips in the pavement surface.

Your benefit:

- Constant and high pavement quality.
 No thermal damage caused to your mix.
 Screed heating is easy on your engine.
- Fuel consumption is reduced substantially.





ORIGINAL VÖGELE GENERATORS

In all Vögele tractor units, a sturdy three-phase A.C. generator is installed to supply the electric power for screed heating. Even with the engine running at minimum rpm, the screed's compacting systems are heated to operating temperature within no more than a few minutes. Vögele generators easily cope with the high demands made on electric screed heating.



Proper selection of the generator as a function of your maximum pave width also depends on several other facts, such as:

- Type of tractor unit and screed type
- Systems equipped for compaction
- Use of standard screed heating or extra heating rods
- Use of working lights or heating rods for end plates



Original Vögele V-belt pulleys provide for perfect power transmission from the engine to the generator for screed heating. They stand out through absolutely smooth running and, thanks to an optimized coefficient of friction, guarantee long low-wear operation of the heavy-duty V-belts.

For generator drive, Vögele use modern heavy-duty V-belts only. Due to optimized contact surfaces, they are characterized by higher performance and feature long service life and excellent power transmission.





Machine type	Model	Series range	Power output (kW)	Generator	Voltage regulator		
SUPER BOY	06.90	0010 - 9999	2.2	4625201034			
SUPEN BUT	06.90	0010 - 9999	4.4	4625201041			
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	5/8.5	2014354	2011835		
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	7/13	2044135*	2032377		
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999	7/13	2044135*	2032377		
SUPER 1203	07.11	0010 - 0160	9/13	2086351**	3515043283		
30PEN 1203	07.11	0161 - 9999	7/13	2006677	2011835		
SUPER 1400	06.12	0010 - 9999	10 maximum rpm	4625201045			
301 LN 1400	00.12	0010 - 3939	9/13 idling rpm	2086349**	3515043283		
SUPER 1402	06.11	0010 - 9999	10 maximum rpm	4625201045			
001 EN 1402		0010 3333	9/13 idling rpm	2086349**	3515043283		
		0010 - 9999	9/13 maximum rpm	2086349**	3515043283		
SUPER 1500	1500 06.70	0010 0000	13/18 idling rpm	2086343**	3515043283		
		0010 - 0113	12.9 direct current	4625201076			
		0114 - 9999	1210 411001 54110111	.02020.0.0			
	06.71	06.71	06.71	0010 - 9999	9/13 maximum rpm	2086349**	3515043283
SUPER 1502				06.71		13/18 idling rpm	2086343**
		0010 - 0201	12.9 direct current	4625201076			
		0202 - 9999					
		0010 - 9999	13/18 maximum rpm	2086343**	3515043283		
		0010 - 0277	18/25 idling rpm	2086345**	3515043283		
	06.72	0278 - 9999					
SUPER 1600		0010 - 0193					
		0194 - 0416	16 direct current	4625201077			
		0417 - 9999					
	06.82	0010 - 9999	13/18 maximum rpm	2086343**	3515043283		
			18/25 idling rpm	2086345**	3515043283		
	00.70	0040 0065	13/18 maximum rpm	2086343**	3515043283		
OLIDED 1666	06.73	0010 - 9999	18/25 idling rpm	2086345**	3515043283		
SUPER 1603			16 direct current	4625201077	05450 (000		
	06.83	0010 - 9999	13/18 maximum rpm	2086343**	3515043283		
	00.00		18/25 idling rpm	2086345**	3515043283		

^{*} V-belt pulley (driven end) already mounted $\,\cdot\,$ ** Only available as replacement part



ORIGINAL VÖGELE GENERATORS



Machine type	Model	Series range	Power output (kW)	Generator	Voltage regulator					
			13/18 maximum rpm	2086343**	3515043283					
		0010 - 9999	18/25 maximum rpm	2086345**	3515043283					
			18/25 idling rpm	2086345**	3515043283					
		0010 - 0608	3 P							
SUPER 1800	06.68	0609 - 1177	16 direct current	4625201077						
		1178 - 9999		.020201011						
		0010 - 1402								
		1403 - 9999	23 direct current	4625201075						
		1100 0000	13/18 maximum rpm	2086343**	3515043283					
		0010 - 9999	18/25 maximum rpm	2086345**	3515043283					
		0010 0000	18/25 idling rpm	2086345**	3515043283					
		0010 - 0299	10/20 Idiniy Ipini	2000070	0010040200					
SUPER 1804	06.69	0300 - 0344	16 direct current	4625201077						
		0345 - 9999	TO GITCOT GUITGITE	7023201011						
		0010 - 0344								
		0345 - 9999	23 direct current	4625201075						
		0040 - 3333	13/18 idling rpm	2086343**	3515043283					
SUPER 1800-1, SUPER 1600-1	, 07.00	0010 - 9999	22/36 idling rpm	2112706	3515180021					
	07.02	0010 - 9999	27/44 idling rpm	2112706	3515180021					
011DED 4000 4 ED	,		Standard	2026061*	2032378					
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999	Power		2032378					
				2032544*						
SUPER 1600-2,	11 00	11 00	11 00	11 00	11 00	11.82	0010 0000	13/18 idling rpm	2086343**	3515043283
SUPER 1800-2, SUPER 1800-2 SJ	11.02	0010 - 9999	22/36 idling rpm	2112706	3515180021					
201 211 1000 2 00			27/44 idling rpm	2112726	3515180021					
SUPER 1800-2	12.82	0010 - 9999	Standard	2112706*	3515180021					
			Power	2112726*	3515180021					
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999	13/18 idling rpm	2086343**	3515043283					
			22/36 idling rpm	2112706	3515180021					
SUPER 1603-2,	08.83	0010 - 9999	13/18 idling rpm	2086343**	3515043283					
SUPER 1803-2			22/36 idling rpm	2112706	3515180021					
SUPER 1900,	06.19	0010 - 9999	22/36 idling rpm	2130138	3515180021					
SUPER 2100			27/44 idling rpm	2130079	3515180021					
SUPER 1900-2,	07.19	0010 - 9999	22/36 idling rpm	2112569	3515180021					
SUPER 2100-2			27/44 idling rpm	2112574	3515180021					
SUPER 2100-2 IP	07.19	0727 - 9999	Power	2112574*	3515180021					
			13/18 idling rpm	2086343**	3515180021					
SUPER 1903	02.18	0010 - 9999	22/36 idling rpm	2130138	3515180021					
			27/44 idling rpm	2130079	3515180021					
/ISION 5100-2	13.82	0004 - 9999		2071960	2091371					
/ISION 5103-2	09.83	0004 - 9999		2071960	2091371					
/ISION 5200-2	07.74	0010 - 9999		2026061	2032378					
/ISION 5203-2	07.75	0010 - 9999		2041262	2032378					
	06.74	0010 - 0040								
SUPER 2500	06.74	0041 - 0042	26/34	2086346**	3515043283					
	06.74	0043 - 9999								
SUPER 3000-2	08.74	0010 - 9999	Power	2109780	2091371					

^{*} V-belt pulley (driven end) already mounted \cdot ** Only available as replacement part \cdot EP = Ergo Plus \cdot SJ = SprayJet \cdot IP = InLine Pave



ORIGINAL VÖGELE V-BELTS



Machine type	Model	Series range	Power output	V-belt pulley	V-belts				
wacrime type	Wiodei	Series range	(kW)	(driven end)	Quantity	Part No.			
OUDED DOV	00.00	0040 0000	2.2	4617342276	1	3303211632			
SUPER BOY	06.90	0010 - 9999	4.4	4617342289	1	3304211700			
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	5/8.5	2024975	1	2034422			
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	7/13	2044085	2	2048342			
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999	7/13	2044085	2	2048342			
CLIDED 1202	07.11	0010 - 0160	9/13	4617342363	3	3304211500			
SUPER 1203	07.11	0161 - 9999	7/13	2006667	2	2006679			
SUPER 1400	06.12	0010 - 9999	10 maximum rpm	4617342291	1	3303221900			
SUPER 1400	06.12	0010 - 9999	9/13 idling rpm	4617342306	1	3303231732			
OLIDED 4 400	06.11	0010 0000	10 maximum rpm	4617342291	1	3303221832			
SUPER 1402		0010 - 9999	9/13 idling rpm	4617342306	1	3303231732			
SUIDED 1500 06 70	0010 - 9999	9/13 maximum rpm	4617342295	1	3303231357				
	06.70		13/18 idling rpm	4617342295	4	3304211357			
SUPER 1500	JPER 1500 06.70	0010 - 0113	10.0 dive et expresent	4047040000	1	3303231157			
		0114 - 9999	12.9 direct current	4617342280	1	3303231357			
		0010 - 9999	9/13 maximum rpm	4617342295	1	3303231357			
CLIDED 1500	06.71	06.71	PER 1502 06.71	00.71	0010 - 9999	13/18 idling rpm	4617342295	4	3304211357
30FEN 1302				0010 - 0201	12.9 direct current	4617342280	1	3303231157	
		0202 - 9999	12.9 direct current	4017342260	1	3303231357			
		0010 - 9999	13/18 maximum rpm	4617342295	1	3303241832			
		0010 - 0277	19/05 idling rpm	4617342350	1	3303241807			
	06.70	0278 - 9999	18/25 idling rpm	4017342330	6	3304211800			
CLIDED 1600	06.72	0010 - 0193			1	3303241157			
SUPER 1600		0194 - 0416	16 direct current	4617342235	1	3303241807			
		0417 - 9999			1	3303241832			
	06.82	0010 - 9999	13/18 maximum rpm	4617342355	1	3304231900			
	00.02	0010 - 9999	18/25 idling rpm	4617342354	1	3304241932			
			13/18 maximum rpm	4617342295	1	3303241832			
	06.73	0010 - 9999	18/25 idling rpm	4617342350	6	3304211800			
SUPER 1603			16 direct current	4617342235	1	3303241832			
	06.82	0010 0000	13/18 maximum rpm	4617342355	1	3304231900			
	06.83	06.83 0010 - 9999	18/25 idling rpm	4617342354	1	3304241932			



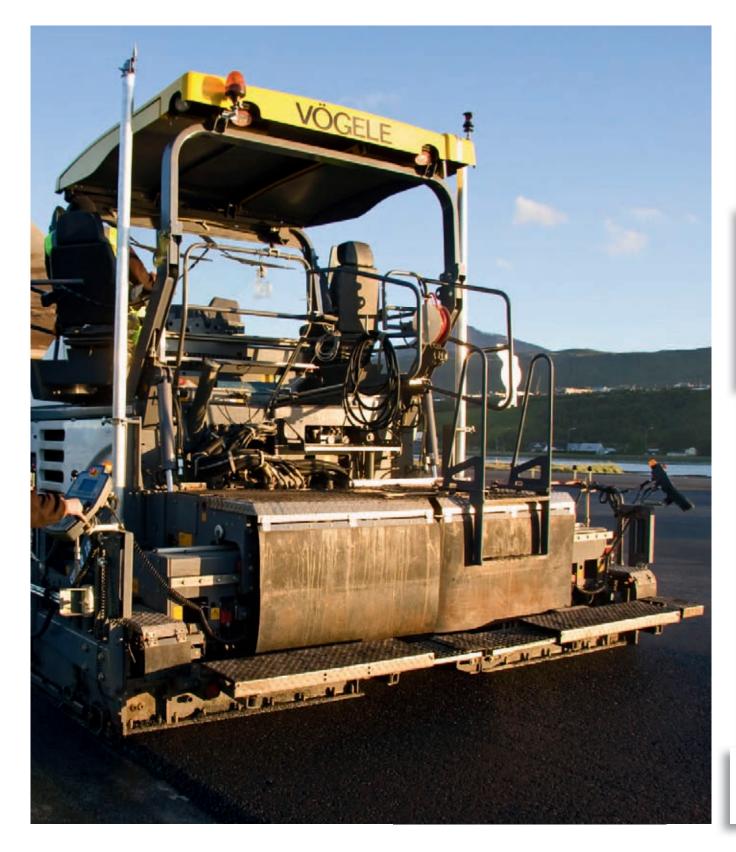
ORIGINAL VÖGELE V-BELTS

Machine type	Model	Series range	Power output	V-belt pulley	V-belts										
wacimie type	Wodel	Octios range	(kW)	(driven end)	Quantity	Part No.									
			13/18 maximum rpm	4617342295	1	3303241832									
SUPER 1800 06.68		0010 - 9999	18/25 maximum rpm	4617342350	5	3304211800									
			18/25 idling rpm	4617342350	5	3304211800									
	00.00	0010 - 0608	16 direct current	4617342235	1	3303241157									
	06.68	0609 - 1177	16 direct current	4617342235	1	3303241807									
		1178 - 9999	16 direct current	4617342235	1	3303241832									
		0010 - 1402	23 direct current	4617342274	1	3303241832									
		1403 - 9999	23 direct current	4617342331	1	3303241832									
			13/18 maximum rpm	4617342295	1	3303241832									
		0010 - 9999	18/25 maximum rpm	4617342350	5	3304211800									
			18/25 idling rpm	4617342350	5	3304211800									
OUDED 1001	00.00	0010 - 0299	16 direct current	4617342235	1	3303241157									
SUPER 1804	06.69	0300 - 0344	16 direct current	4617342235	1	3303241807									
		0345 - 9999	16 direct current	4617342235	1	3303241832									
		0010 - 0344	23 direct current	4617342274	1	3303241832									
		0345 - 9999	23 direct current	4617342331	1	3303241832									
			13/18 idling rpm	2009797	1	2028978									
SUPER 1800-1,	11/ 82	0010 - 9999	22/36 idling rpm	2009797	1	2028978									
SUPER 1600-1			27/44 idling rpm	2009797	1	2028978									
SUPER 1600-1 EP,	P.		Standard	2014529	1	2028978									
SUPER 1800-1 EP 09.82	09.82	09.82 0010 - 9999	Power	2032523	1	2036648									
SUPER 1600-2,	11.82		13/18 idling rpm	2009797	1	2028978									
SUPER 1800-2,		11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	11.82	0010 - 9999	22/36 idling rpm	2009797	1	2028978
SUPER 1800-2 SJ			27/44 idling rpm	2009797	1	2028978									
			13/18 idling rpm	2009797	1	2028978									
SUPER 1800-2	12.82	0010 - 9999	22/36 idling rpm	2009797	1	2028978									
			27/44 idling rpm	2009797	1	2028978									
SUPER 1603-1,	07.00	2010 2000	13/18 idling rpm	2009797	1	2028978									
SUPER 1803-1	07.83	0010 - 9999	22/36 idling rpm	2009797	1	2028978									
SUPER 1603-2,	00.00	0010 0000	13/18 idling rpm	2009797	1	2028978									
SUPER 1803-2	08.83	0010 - 9999	22/36 idling rpm	2009797	1	2028978									
SUPER 1900,	00.40	0040 0000	22/36 idling rpm	4617342357	6	3304211457									
SUPER 2100	06.19	0010 - 9999	27/44 idling rpm	4617342357	6	3304211457									
SUPER 1900-2,	07.10	0010 0000	22/36 idling rpm	2034929	1	2034969									
SUPER 2100-2	07.19	0010 - 9999	27/44 idling rpm	2034929	1	2034969									
CLIDED 0100 0 ID	07.10	0727 - 0852	07/44 :-!!:	0004000	1	2034969									
SUPER 2100-2 IP	07.19	0852 - 9999	27/44 idling rpm	2034929	1	2131259									
			13/18 idling rpm	4617342357	5	3304211457									
SUPER 1903	02.18	0010 - 9999	22/36 idling rpm	4617342357	6	3304211457									
			27/44 idling rpm	4617342357	6	3304211457									
VISION 5200-2	07.74	0010 - 9999	22/12	2009797	1	2028978									
VISION 5203-2	07.75	0010 - 9999	17/10	2009797	1	2028978									
		0010 - 0040	26/34	4617342314	5	3303251732									
SUPER 2500	06.74	0041 - 0042	26/34	4617342314	5	3304211757									
		0043 - 9999	26/34	4617342314	5	3304211900									

 $\mathsf{EP} = \mathsf{Ergo}\;\mathsf{Plus}\;\cdot\;\mathsf{SJ} = \mathsf{SprayJet}\;\cdot\;\mathsf{IP} = \mathsf{InLine}\;\mathsf{Pave}$









ORIGINAL VÖGELE HEATING RODS



The heating rods of tamper bars, pressure bars and screed plates are vital components of the electrical screed heating system. Their easy fitting simplifies maintenance and exchange.

Thanks to soldered cable contacts and amply dimensioned cable lengths, the heating rods are insusceptible to vibrations.

The use of silicone caoutchouc for sealing provides for resistance of the heating rods to diesel fuel and cleaning agents. Vögele heating rods are designed for high temperatures.





ORIGINAL VÖGELE HEATING RODS FOR TAMPER BARS OF THE BASIC SCREED



Screed type	Model	Series range	Heating rods for tamper bars and pressure bars		
			Quantity	Part No.	
AB 200 V	12.AB	0010 - 0546			
AB 200 V	12.AD	0547 - 9999			
AB 200 TV	12.AB	0010 - 9999	4	2013523	
AB 215	SUPER BOY				
AB 315	09.AB	0010 - 9999	4	4608150181	
AB 340 V	13.AB	0010 - 9999			
AB 340 TV	13.AB	0010 - 9999	4	2044960	
AB 375 TV	01.AB	0010 - 6064	4	4608150184	
AD 373 TV	01.AB	6065 - 9999	4	4608150184	
AB 375 TP1	02.AB	0010 - 6064	8	4608150184	
AD 373 IFT	02.AB	6065 - 9999	8	4608150184	
AB 475 TV	03.AB	1105 - 9999	4	4608150168	
AB 475 TV	03.AB	0010 - 9999	4	4608150168	
AB 475 TP1	04.AB	0010 - 9999	8	4608150168	
AB 475 TP2	05.AB	0010 - 9999	12	4608150168	
AB 575 TV	06.AB	0010 - 9999	4	4608150100	
AB 575 TP2	07.AB	0010 - 9999	12	4608150100	
AB 500 TV	10.AB	0010 - 9999	4	4608150169	
AB 500 TP1	10.AB	0010 - 9999	8	4608150169	
AB 500 TP2	10.AB	0010 - 9999	12	4608150169	
AB 500-2 TV	14.AB	0010 - 9999	4	2035050	
AB 500-2 TP1	15.AB	0010 - 9999	8	2035050	
AB 500-2 TP2	15.AB	0010 - 9999	12	2035050	
AB 600 TV	11.AB	0010 - 9999	4	4608150202	
AB 600 TP1	11.AB	0010 - 9999	8	4608150202	
AB 600 TP2	11.AB	0010 - 9999	12	4608150202	
AB 600-2 TV	16.AB	0010 - 9999	4	2056558	
AB 600-2 TP1	17.AB	0010 - 9999	8	2056558	
AB 600-2 TP2	17.AB	0010 - 9999	12	2056558	
SB 250 TV	02.SB	0010 - 9999	2	4608150168	
SB 250 TP1	02.SB	0010 - 9999	4	4608150168	
SB 250 TP2	02.SB	0010 - 9999	6	4608150168	
SB 300 TV	03.SB	0010 - 9999	2	4608150100	
SB 300 TP1	03.SB	0010 - 9999	4	4608150100	
SB 300 TP2	03.SB	0010 - 9999	6	4608150100	
SB 300-2 TV	06.SB	0010 - 9999	2	4608150100	
SB 300-2 TP1	06.SB	0010 - 9999	4	4608150100	
SB 300-2 TP2	06.SB	0010 - 9999	6	4608150100	



ORIGINAL VÖGELE HEATING RODS FOR SCREED PLATES OF THE BASIC SCREED



Screed type	Model	Model Series range Heating rods for screed		or screed plates	
			Description	Quantity	Part No.
AB 200 V	12.AB	0010 - 0546		4	2013521
AB 200 V	12.AD	0547 - 9999		4	2057071
AB 200 TV	12.AB	0010 - 9999		4	2013521
AB 215	SUPER BOY			4	4608150111
AB 315	09.AB	0010 - 9999		8	4608150177
AB 340 V	13.AB	0010 - 9999		4	2060753
AB 340 TV	13.AB	0010 - 9999		4	2043840
		0001 - 6064		8	4608150113
AB 375 TV	01.AB	6065 - 9999		4	4608150116
		0001 - 6064		8	4608150113
AB 375 TP1	02.AB	6065 - 9999		4	4608150116
		1102 - 9999		8	4608150070
AB 475 TV	03.AB	0010 - 9999		8	4608150006
AB 475 TP1	04.AB	0010 - 9999		4	4608150006
AB 475 TP2	05.AB	0010 - 9999		4	
	05.AB	0010 - 9999			4608150006
AB 575 TV AB 575 TP2	06.AB 07.AB			8	4608150003
		0010 - 9999			4608150003
AB 500 TV	10.AB	0010 - 9999		4	4608150166
AB 500 TP1	10.AB	0010 - 9999		4	4608150190
AB 500 TP2	10.AB	0010 - 9999		4	4608150173
AB 500-2 TV	14.AB	0010 - 9999	left	2	2035986
		right	2	2035992	
AB 500-2 TP1	15.AB	0010 - 9999	left	2	2035986
	.0	00.0 0000	right	2	2035992
AB 500-2 TP2	15.AB	0010 - 9999	left	2	2035986
10 000 2 11 2	10.715	0010 0000	right	2	2035992
AB 600 TV	11.AB	0010 - 9999		4	4608150199
AB 600 TP1	11.AB	0010 - 9999		4	4608150200
AB 600 TP2	11.AB	0010 - 9999		4	4608150200
ND COO O TV	10 AD	0010 0000	left	2	2056568
AB 600-2 TV	16.AB	0010 - 9999	right	2	2056569
ND 000 0 TD4	47.40	0040 0000	left	2	2056568
AB 600-2 TP1	17.AB	0010 - 9999	right	2	2056569
			left	2	2056568
AB 600-2 TP2	17.AB	0010 - 9999	right	2	2056569
			left	2	2119873
/R 600-2 V	18.AB	0010 - 9999	right	2	2112914
SB 250 TV	02.SB	0010 - 9999		4	4608150006
SB 250 TP1	02.SB	0010 - 9999		4	4608150006
SB 250 TP2	02.SB	0010 - 9999		4	4608150006
B 300 TV	03.SB	0010 - 9999		4	4608150003
BB 300 TP1	03.SB	0010 - 9999		4	4608150003
B 300 TP2	03.SB				
D 300 172	U3.3D	0010 - 9999	loft	4	4608150003
SB 300-2 TV	06.SB	0010 - 9999	left	2	2119621
			right	2	2119711
SB 300-2 TP1	06.SB	0010 - 9999	left	2	2119621
		23.2 0000	right	2	2119711
SB 300-2 TP2	06.SB	0010 - 9999	left	2	2119621
25 000 Z 11 Z	00.00	0010 0000	right	2	2119711

ORIGINAL VÖGELE HEATING RODS FOR ADDITIONAL HEATING OF THE BASIC SCREED



Screed type	Model	Series range	Heating rods for screed plates - additional heating -	
			Quantity	Part No.
AB 200 V	12.AB	0010 - 0546 0547 - 9999		
AB 200 TV	12.AB	0010 - 9999		
AB 215	SUPER BOY			
AB 315	09.AB	0010 - 9999		
AB 340 V	13.AB	0010 - 9999		
AB 340 TV	13.AB	0010 - 9999		
AB 375 TV	01.AB	0010 - 6064		
		6065 - 9999		
AB 375 TP1	02.AB	0010 - 6064		
		6065 - 9999		
AB 475 TV	03.AB	1102 - 9999		
		0010 - 9999	4	4608150006
AB 475 TP1	04.AB	0010 - 9999	4	4608150006
AB 475 TP2	05.AB	0010 - 9999	4	4608150006
AB 575 TV	06.AB	0010 - 9999	4	4608150003
AB 575 TP2	07.AB	0010 - 9999	4	4608150003
AB 500 TV	10.AB	0010 - 9999	4	4608150167*
			4	4608150192
AB 500 TP1	10.AB	0010 - 9999	4	4608150167*
			4	4608150192
AB 500 TP2	10.AB	0010 - 9999	4	4608150167*
			4	4608150192
AB 500-2 TV	14.AB	0010 - 9999		
AB 500-2 TP1	15.AB	0010 - 9999		
AB 500-2 TP2	15.AB	0010 - 9999		
AB 600 TV	11.AB	0010 - 9999	4	4608150210
			4	4608150208*
			4	4608150210
AB 600 TP1	11.AB	0010 - 9999	4	4608150208*
			4	4608150210
AB 600 TP2	11.AB	0010 - 9999	4	4608150208*
AB 600-2 TV	16.AB	0010 - 9999	7	4000130200
AB 600-2 TP1	17.AB	0010 - 9999		
AB 600-2 TP1	17.AB	0010 - 9999		
VR 600-2 V	18.AB	0010 - 9999	4	2096490
SB 250 TV	02.SB	0010 - 9999	2	2053770
SB 250 TV	02.SB	0010 - 9999	2	2053770
SB 250 TP1	02.SB	0010 - 9999	2	2053770
SB 300 TV				
	03.SB	0010 - 9999	2	2053782
SB 300 TP1	03.SB	0010 - 9999	2	2053782
SB 300 TP2	03.SB	0010 - 9999	2	2053782
SB 300-2 TV SB 300-2 TP1 SB 300-2 TVP2	06.SB 06.SB 06.SB	0010 - 9999 0010 - 9999 0010 - 9999		

^{*} Not for SUPER 1800 (06.68), SUPER 2500 (06.74)



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ORIGINAL VÖGELE HEATING RODS FOR BOLT-ON EXTENSIONS

Screed type	Model		Bolt-on extension (m)	Heating refor tampe pressure	r bars and	Heating roo	ls for scre	ed plates
			(111)	Quantity	Part No.	Description	Quantity	Part No.
		0010 - 0546	0.35				2	2014017
AB 200 V	12.AB	0547 - 9999	0.35				2	2057073
		0010 - 9999	0.60				2	2057080
AD 000 TV	40.40	0040 0000	0.35	2	2014019		2	2014017
AB 200 TV	12.AB	0010 - 9999	0.60	2	2030992		2	2030954
AB 315	09.AB	0010 - 9999	0.425	2	4608150183		4	4608150182
AB 340 V	13.AB	0010 - 9999	0.40				2	2060750
AD 040 TV	10 AD	0010 0000	0.40	2	2051126		2	2051149
AB 340 TV	13.AB	0010 - 9999	0.55	2	2047003			
AD 075 TV	01 AD	0010 0000	0.25	2	4608150189		4	4608150115
AB 375 TV	01.AB	0010 - 9999	0.50	2	4608150105		4	4608150071
AB 375 TP1	02.AB	0010 - 9999	0.25	4	4608150189		4	4608150115
			0.25	2	4608150189		4	4608150115
AD 475 TV	00.40		0.625	2	4608150106		4	4608150027
AB 475 TV AB 575 TV	03.AB, 06.AB	0010 - 9999	0.875	2	4608150107		4	4608150037
AD 373 TV	۵۵.۸۵		1.125	2	4608150108		4	4608150038
			1.375	2	4608150109		4	4608150042
			0.25	4	4608150189		2	4608150115
		0010 - 9999	0.625	4	4608150106		2	4608150027
AB 475 TP1	04.AB		0.875	4	4608150107		2	4608150037
			1.125	4	4608150108		2	4608150038
			1.375	4	4608150109		2	4608150042
			0.25	6	4608150189		2	4608150115
AD 475 TD0	OF AD		0.625	6	4608150106		2	4608150027
AB 475 TP2 AB 575 TP2	05.AB, 07.AB	0010 - 9999	0.875	6	4608150107		2	4608150037
AD 373 11 Z	07.AD		1.125	6	4608150108		2	4608150038
			1.375	6	4608150109		2	4608150042
AB 500 TV	10.AB,		0.225	2	4608150189		2	4608150195
AB 600 TV	10.AB, 11.AB	0010 - 9999	0.75	2	4608150174		2	4608150170
71D 000 1 V	11.70		1.25	2	4608150169		2	4608150204
AB 500 TP1	10.AB,		0.225	4	4608150189		2	4608150195
AB 600 TP1	10.AB, 11.AB	0010 - 9999	0.75	4	4608150174		2	4608150191
7.2 000 11 1			1.25	4	4608150169		2	4608150204
AB 500 TP2	10.AB,		0.225	6	4608150189		2	4608150195
AB 600 TP2	11.AB	0010 - 9999	0.75	6	4608150174		2	4608150172
			1.25	6	4608150169		2	4608150204
			0.25	2	2041147	left	1	2041149
			5.20		2011171	right	1	2041151
AB 500-2 TV	14.AB,	0010 - 9999	0.75	2	2035055	left	1	2036690
AB 600-2 TV	16.AB	0010 0000	0.70	_	2000000	right	1	2036728
			1.25	2	2035050	left	1	2035986
			=•	_	200000	right	1	2035992
			0.25	4	2041147	left	1	2041149
						right	1	2041151
AB 500-2 TP1		0010 - 9999	0.75	4	2035055	left	1	2036690
AB 600-2 TP1	17.AB	3333				right	1	2036728
			1.25	4	2035050	left	1	2035986
						right	1	2035992



Screed type Model		Series range	Bolt-on extension		Heating rods for screed plates - additional heating -		
			(m)	Quantity	Part No.		
AB 200 V	12.AB	0010 - 0546 0547 - 9999 0010 - 9999	0.35	Not available			
AB 200 TV	12.AB	0010 - 9999	0.35 0.60	Not available			
AB 315	09.AB	0010 - 9999	0.425	Not available			
AB 340 V	13.AB	0010 - 9999	0.40	Not available			
AB 340 TV	13.AB	0010 - 9999	0.40 0.55	Not available			
AB 375 TV	01.AB	0010 - 9999	0.25 0.50	Not available			
AB 375 TP1	02.AB	0010 - 9999	0.25	Not available			
			0.25	2	4608150115		
AB 475 TV	03.AB,		0.625	2	4608150027		
AB 575 TV	06.AB	0010 - 9999	0.875	2	4608150037		
7.2 0.0	00.1.12		1.125	2	4608150038		
			1.375	2	4608150042		
			0.25	2	4608150115		
			0.625	2	4608150027		
AB 475 TP1	04.AB	0010 - 9999	0.875	2	4608150037		
			1.125	2	4608150038		
			1.375	2	4608150042		
			0.25	2	4608150115		
AB 475 TP2	05.AB,		0.625	2	4608150027		
AB 575 TP2	05.AB, 07.AB	0010 - 9999	0.875	2	4608150037		
AD 373 TI Z	OT .AB		1.125	2	4608150038		
			1.375	2	4608150042		
			0.225	Not available			
AD 500 TV	10 AD		0.75	2	4608150171		
AB 500 TV AB 600 TV	10.AB, 11.AB	0010 - 9999	0.75	2	4608150193*		
AD 000 IV	II.Ab		1.25	2	4608150209		
			1.25	2	4608150211*		
			0.225	Not available			
AD 500 TD4	40.40		0.75	2	4608150171		
AB 500 TP1 AB 600 TP1	10.AB, 11.AB	0010 - 9999	0.75	2	4608150193*		
AD 000 IF I	II.Ab		1.05	2	4608150209		
			1.25	2	4608150211*		
			0.225	Not available			
AD 500 TD0	10 AD		0.75	2	4608150171		
AB 500 TP2 AB 600 TP2	10.AB, 11.AB	0010 - 9999	0.75	2	4608150193*		
AD 000 1F2	11.AD		1.05	2	4608150209		
			1.25	2	4608150211*		
AB 500-2 TV AB 600-2 TV	14.AB, 16.AB	0010 - 9999		Not available			
AB 500-2 TP1 AB 600-2 TP1	15.AB, 17.AB	0010 - 9999		Not available			

^{*} Not for SUPER 1800 (06.68), SUPER 2500 (06.74)



ORIGINAL VÖGELE HEATING RODS FOR BOLT-ON EXTENSIONS

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Screed type	Model	Series range	Bolt-on extension (m)	Heating refor tamped pressure	er bars and	Heating roo	ls for scre	ed plates
			(111)	Quantity	Part No.	Description	Quantity	Part No.
						left	1	2041149
			0.25	6	2041147	right	1	2041151
AB 500-2 TP2	AB 500-2 TP2 15.AB,					left	1	2036690
AB 600-2 TP2	17.AB	0010 - 9999	0.75	6	2035055	right	1	2036728
			4.05	•	0005050	left	1	2035986
			1.25	6	2035050	right	1	2035992
VR 600-2 V	18.AB	0010 - 9999	0.65			left	1	2123603
VH 000-2 V	10.AD	0010 - 9999	0.65			right	1	2126439
			0.25	2	4608150189		4	4608150115
SB 250 TV	02.SB,		0.50	2	4608150105		4	4608150071
SB 300 TV	02.SB, 03.SB	0010 - 9999	0.75 (extensible)	2	4608150184		4	4608150116
OD 000 1 V	00.0D		1.00	2	4608150107		4	4608150037
			1.50	2	4608150100		4	4608150003
			0.25	4	4608150189		4	4608150115
SB 250 TP1	02.SB,		0.50	4	4608150105		4	4608150071
SB 300 TP1	03.SB	0010 - 9999	0.75 (extensible)	4	4608150184		4	4608150116
			1.00	4	4608150107		4	4608150037
			1.50	4	4608150100		4	4608150003
			0.25	6	4608150189		4	4608150115
SB 250 TP2	02.SB,	0010 - 9999	0.50	6	4608150105		4	4608150071
SB 300 TP2	03.SB		0.75 (extensible)	6	4608150184		4	4608150116
			1.00	6	4608150107		4	4608150037
			1.50	6	4608150100	left	1	4608150003 2122379
			0.25	2	4608150189	right	1	2122379
						left	2	2121768
			0.50	2	4608150105	right	2	2121768
						left	1	2121689
SB 300-2 TV	06.SB	0010 - 9999	0.75 (extensible)	2	4608150184	right	1	2121757
						left	2	2119791
			1.00	2	4608150107	right	2	2119815
						left	2	2148138
			1.50	2	4608150100	right	2	2148151
			0.05		1000150100	left	1	2122379
			0.25	4	4608150189	right	1	2122384
			0.50	4	46001E010E	left	2	2121768
			0.50	4	4608150105	right	2	2121859
SB 300-2	06.SB	0010 - 9999	0.75 (extensible)	4	4608150184	left	1	2121689
TP 1	00.36	0010 - 9999	0.75 (extensible)	4	4000130104	right	1	2121757
			1.00	4	4608150107	left	2	2119791
			1.00		4000100107	right	2	2119815
			1.50	4	4608150100	left	2	2148138
						right	2	2148151
			0.25	6	4608150189	left	1	2122379
						right	1	2122384
			0.50	6	4608150105	left	2	2121768
OD 000 0						right	2	2121859
SB 300-2	06.SB	0010 - 9999	0.75 (extensible)	6	4608150184	left	1	2121689
TP 2			,			right	1	2121757 2119791
			1.00	6	4608150107	left right	2	2119791
						right left	2	2148138
			1.50	6	4608150100	right	2	2148151
						rigitt	2	2140131



Screed type	Model	Series range	Bolt-on extension (m)	Heating rods for screed plates – additional heating –		
			,	Quantity	Part No.	
AB 500-2 TP2 AB 600-2 TP2	15.AB, 17.AB	0010 - 9999		Not available		
VR 600-2 V	18.AB	0010 - 9999	0.65	2	2123611	
			0.25	2	4608150115	
			0.50	2	4608150071	
SB 250 TV SB 300 TV	02.SB, 03.SB	0010 - 9999	0.75 (extensible)	2	4608150116	
			1.00	2	4608150037	
			1.50	2	4608150003	
		0010 - 9999	0.25	2	4608150115	
	02.SB, 03.SB		0.50	2	4608150071	
SB 250 TP1 SB 300 TP1			0.75 (extensible)	2	4608150116	
			1.00	2	4608150037	
			1.50	2	4608150003	
			0.25	2	4608150115	
			0.50	2	4608150071	
SB 250 TP2 SB 300 TP2	02.SB, 03.SB	0010 - 9999	0.75 (extensible)	2	4608150116	
			1.00	2	4608150037	
			1.50	2	4608150003	
SB 300-2 TV	06.SB	0010 - 9999		Not available		
SB 300-2 TP 1	06.SB	0010 - 9999		Not available		
SB 300-2 TP 2	06.SB	0010 - 9999		Not available		

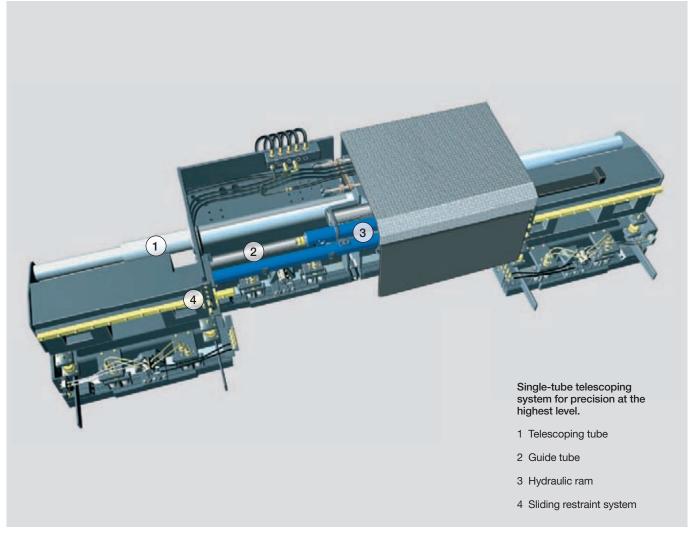


ORIGINAL VÖGELE TELESCOPING SYSTEM FOR EXTENDING SCREEDS

The screed's extending units slide in and out on a single-tube telescoping system. Even with the screed set to its maximum width, the telescoping tubes are extended by no more than half. The bolt-on extensions are positively held in place – the system stands for precision at the highest level and superb stability.

For screed width control, hydraulic rams are provided which can be operated very precisely. Low-wear tapes inside the telescoping tubes ensure smooth extension and retraction of the screed's extending units free from jerking. The telescoping system allows pave width to be set accurate to the millimetre.





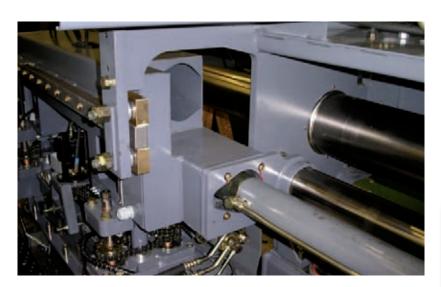


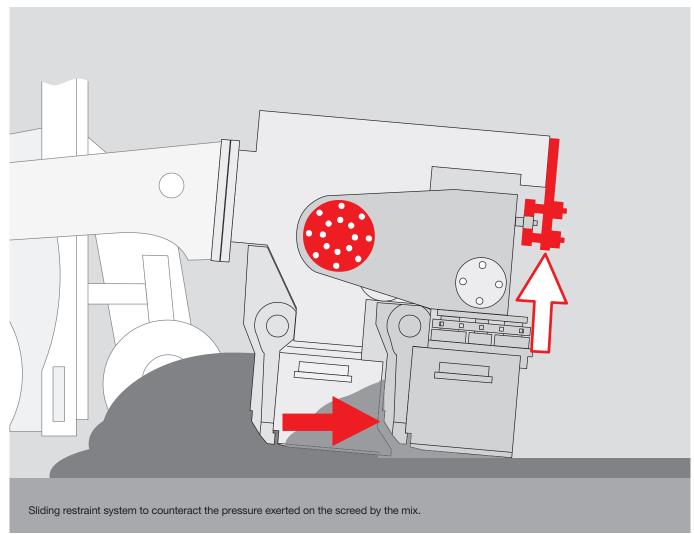
Optimum stability of the screed's extending units is guaranteed thanks to the sliding restraint system.

It counteracts the forces exerted on the screed's extending units by pressure of the mix, thus preventing these units from rotating on the telescoping tubes.

Nothing can jam or get stuck.

The sliding restraint system ensures long service lives of the telescoping tubes.





ORIGINAL VÖGELE GUIDE RAILS AND SLIDE BLOCKS

Vögele guide rails and slide blocks are a guarantee for paving to a high standard of accuracy. Materials, which are optimally adapted to each other provide for perfect guidance of the screed's extending units, free from slack. Be sure that greasing services are performed on a regular basis.







			Guide rail		Slide block	
Screed type	Model	Series range	Quantity	Part No.	Quantity	Part No.
		2010 2107		0011110	2	2020398
A.D. 000	10.15	0010 - 0107	2	2014112	2	2020401
AB 200	12.AB				2	2020398
		0108 - 9999	2	2038101	2	2020401
					2	4607252009
		0010 - 0153	2	4615106700	2	4607252010
AB 315	09.AB				2	2006078
		0154 - 9999	2	2007900	2	2006081
					2	2020398
AB 340	13.AB	0010 - 9999	2	2043185	2	2020401
4B 075	04 45 00 45	0010 - 9999		4615106473		4007050000
AB 375	01.AB, 02.AB	0010 - 9999	2		4	4607252006
AB 475	03.AB, 04.AB, 05.AB	0010 - 9999	2	4615105895	4	4607252006
AD 500	10.40	0010 - 0366	2	4606123466	4	4607252008
AB 500	10.AB	0367 - 9999	2	2009647	4	4607252008
AD 500 0	14 AD 15 AD	0010 - 9999	0	2009647	4	4607050000
AB 500-2	14.AB, 15.AB	0010 - 9999	2		4	4607252008
AB 575	06.AB, 07.AB	0010 - 9999	2	4615105896	4	4607252006
AB 373	00.AB, 07.AB	0010 - 9999	2	4013103090	4	4007232000
AB 600	11.AB	0010 - 0049	2	4606123484	4	4607252008
AB 000	TT.AD	0050 - 9999	2	2014773	4	4607252008
AB 600-2	16.AB, 17.AB	0010 - 9999	2	2014773	4	4607252008
715 000 Z	103.15, 173.15	0010 - 9999	_	2014770	7	4007202000
VR 600-2	18.AB	0010 - 9999	2	2014773	4	4607252008
SB 250 / VB 0.75 m Hydraulic Bolt-on Extension	02.SB	0010 - 9999	2	4615106642	4	4607252006
SB 300 / VB 0.75 m Hydraulic Bolt-on Extension	03.SB	0010 - 9999	2	4615106642	4	4607252006
SB 300-2 / VB 0.75 m Hydraulic Bolt-on Extension	06.SB	0010 - 9999	2	4615106642	4	4607252006

ORIGINAL VÖGELE TELESCOPING TUBES

The telescoping tubes' whole process of manufacture meets tight tolerance requirements, thus ensuring a high level of quality.

Telescoping tubes are nickel-plated. This provides for low wear operation as well as positive and accurate paving throughout a long service life.







Screed type	Model	Series range	Description	Quantity	Part No.
			Set of telescoping tubes*	2	2005957
AB 375 01.AB, 02.AB	01.AB, 02.AB	0010 - 9999	Wiper ring small	2	9650060147
			Wiper ring large	2	9650070147
			Set of telescoping tubes*	2	2005958
	03.AB,		Wiper ring small	2	4604112068
AB 475	04.AB,	0010 - 9999	Wiper ring large	2	4604112059
	05.AB		Teflon tape for half shell	4	4624132007
			Glue and hardener for half-shell	1	2013981
			Set of telescoping tubes*	2	2005960
			Wiper ring small	2	4604112068
AB 500	10.AB	0010 - 9999	Wiper ring large	2	4604112059
			Teflon tape for half shell	2	4624132029
			Glue and hardener for half-shell	1	2013981
			Set of telescoping tubes*	2	2005960
		0010 - 9999	Wiper ring small	2	4604112068
AB 500-2	14.AB, 15.AB		Wiper ring large	2	4604112059
	13.AB		Teflon tape for half shell	2	4624132029
			Glue and hardener for half-shell	1	2013981
			Set of telescoping tubes*	2	2005959
			Wiper ring small	2	4604112068
AB 575	06.AB, 07.AB	0010 - 9999	Wiper ring large	2	4604112059
	OT.AB		Teflon tape for half shell	4	4624132007
			Glue and hardener for half-shell	1	2013981
			Set of telescoping tubes*	2	2038213
			Wiper ring small	2	4604112068
AB 600	11.AB	0010 - 9999	Wiper ring large	2	4604112059
			Teflon tape for half shell	2	4624132029
			Glue and hardener for half-shell	1	2013981
			Set of telescoping tubes*	2	2038213
			Wiper ring small	2	4604112068
AB 600-2	16.AB,	0010 - 9999	Wiper ring large	2	4604112059
	17.AB		Teflon tape for half shell	2	4624132029
			Glue and hardener for half-shell	1	2013981
			Set of telescoping tubes*	2	2038213
			Wiper ring small	2	4604112068
VR 600-2	18.AB	0010 - 9999	Wiper ring large	2	4604112059
			Teflon tape for half shell	2	4624132029
			Glue and hardener for half-shell	1	2013981

 $^{^{\}star}$ Set of telescoping tubes consisting of 1 outer tube, 1 intermediate tube and 1 inner tube



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ORIGINAL VÖGELE CRAWLER TRACK CHAINS

Vögele crawler track chains perform impeccably even in tough continuous operation.

Die-forged chain links made of a boron/maganese modified steel feature extraordinarily high strength for a long service life. Contact surfaces are induction hardened, the best precondition also for longevity. The chain's optimized geometry reduces strain when under extreme tension and improves fatigue strength.

Self-locking nuts allow accurate and easy mounting.







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			Crawler track chain			
Machine type	Model	Series range	with track pads	without track pads		
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	2013741	2033717		
SUPER 1100-2, SUPER 1300-2	08.10	0010 - 9999	2043936	2043937		
SUPER 1400	06.12	0010 - 9999	4610302090	4610302092		
SUPER 1500	06.70	0010 - 9999	4610302088	4610302089		
OLIDED 1000	06.72,	0010 - 9999	4610302088	4610302089		
SUPER 1600	06.82	0010 - 9999	4610302080	4610302081		
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 9999	4610302084	4610302086		
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999	4610302084	4610302086		
SUPER 1600-2, SUPER 1800-2	11.82	0010 - 9999	4610302084	4610302086		
SUPER 1800-2 SJ	11.82	0010 - 9999	4610302084	4610302086		
SUPER 1800-2	12.82	0088 - 9999	4610302084	4610302086		
OLIDED 1000	00.00	0010 - 1572	4610302084	4610302086		
SUPER 1800	06.68	1573 - 9999	4610302132	4610302133		
SUPER 1900, SUPER 2100	06.19	0010 - 9999	4610302130	4610302101		
SUPER 1900-2, SUPER 2100-2	07.19	0010 - 9999	2038733	2056009		
SUPER 2100-2 IP	07.19	0727 - 9999	2038733	2056009		
SUPER 2000	06.43	0010 - 9999	4610302100	4610302101		
VISION 5100-2	13.82	0010 - 9999		2068496		
VISION 5200-2	07.74	0010 - 9999		2041065		
SUPER 2500	06.74	0010 - 9999	4610302096	4610302098		
SUPER 3000-2	08.74	0010 - 9999	2120854	2120878		
MT 3000-2	07.61	0010 - 9999	2038733	2056009		

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ORIGINAL VÖGELE CRAWLER TRACK PADS

Vögele road pavers are real powerhouses. It takes an undercarriage with a strong grip to convert their high engine power into optimum traction. Every centimetre of ground contact counts here. And the right rubber compound. Vögele use track shoes with rubber pads of premium quality to meet their high standards.

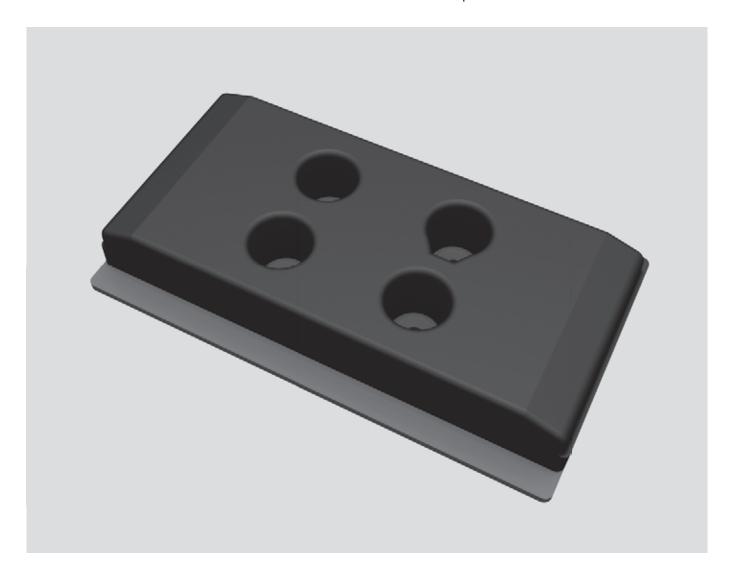
The rubber pads' bevelled edges provide for excellent running properties, edges never break off. The special rubber compound guarantees optimum traction and highest possible tractive effort.

Compared with imitated track shoes, Original Vögele shoes yield clearly higher values in terms of tensile strength, resistance to abrasion, ultimate strain and resistance to tear propagation.

Track shoes are fitted to the chains by special bolts and nuts of high strength. Rubber pads attached to the track shoes made of steel feature highest adhesive strength.

Vögele rubber pads stand out through a long service life due to a larger volume of solid rubber material.

The flat die-forged track shoes provide for better adhesion of the rubber pads.





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Machine type	Model	Series range	Quantity	Track shoe kit (contains track pad with 4 nuts and bolts)
SUPER BOY	06.90	0010 - 9999	68	4624701852
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	66	4624701852
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	76	2027949
SUPER 1400	06.12	0010 - 9999	90	2027949
SUPER 1500	06.63, 06.70	0010 - 9999	84	2028019
OUDED 1000	06.64, 06.72	0010 - 9999	84	2028019
SUPER 1600	06.82	0010 - 9999	86	2028019
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 9999	92	2028019
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999	92	2028019
SUPER 1600-2, SUPER 1800-2, SUPER 1800-2 SJ	11.82	0010 - 9999	92	2028019
SUPER 1800-2	12.82	0088 - 9999	92	2028019
SUPER 1800	06.68	0010 - 1572	92	2028019
SUPEN 1000	00.00	1573 - 9999	94	2028019
SUPER 1900, SUPER 2100	06.19	0010 - 9999	98	2028019
SUPER 1900-2, SUPER 2100-2	07.19	0010 - 9999	98	2028019
SUPER 2100-2 IP	07.19	0727 - 9999	98	2028019
SUPER 2000	06.33, 06.43	0010 - 9999	98	2027950
SUPER 2500	06.74	0010 - 9999	108	2027993
SUPER 3000-2	08.74	0010 - 9999	108	2027993
MT 1000-1	01.MT	0017 - 9999	100	2028019
MT 3000-2	07.61	0010 - 9999	98	2028019

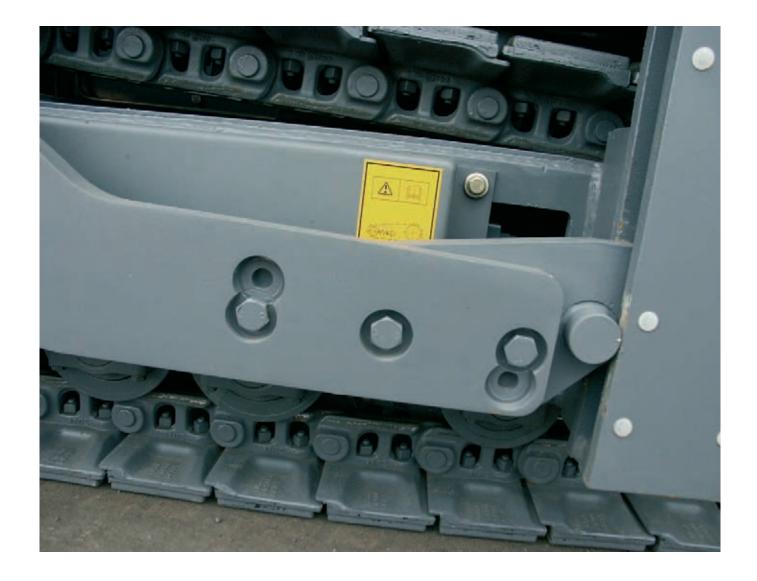
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ORIGINAL VÖGELE TRACK ROLLERS

In order to allow positive and reliable tracking even under highest strain, the track rollers are of rugged design and feature a perfect fit.

Due to the high strength of the track rollers, expanding of bushes is positively avoided. Thanks to lifetime grease lubrication, no servicing is required.

The track rollers are full-hardened for maximum resistance to wear. Identical degree of hardness for contact surfaces of track rollers and chain links ensures a long service life.





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Machine true	Model	Cariaa yanga	Occapatity:	(% (mayor)	Dowl No.
Machine type	Model	Series range	Quantity	Ø (mm)	Part No.
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	12	130	2013745
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	14	135	4611340027
SUPER 1400	06.12	0010 - 9999	16	135	4611340027
SUPER 1500	06.63,	0010 - 9999	10	150	4611340042
SUPER 1500	06.70	0010 - 9999	6	180	4611340029
	06.64,	0010 - 9999	10	150	4611340042
SUPER 1600	06.72	0010 - 9999	6	180	4611340029
30FEN 1000	06.82	0010 - 9999	10	150	4611340028
	00.62	0010 - 9999	6	180	4611340029
SUPER 1600-1,	07.82	0010 - 9999	10	150	4611340028
SUPER 1800-1	07.02	0010 - 9999	6	180	4611340029
SUPER 1600-1 EP,	09.82	0010 -9999	10	150	4611340028
SUPER 1800-1 EP	09.02	0010-9999	6	180	4611340029
SUPER 1600-2, SUPER 1800-2,	11.82	0010 - 9999	10	150	4611340028
SUPER 1800-2 SJ	11.02	0010 3333	6	180	4611340029
SUPER 1800-2	12.82	0088 - 9999	10	150	4611340028
301 LT 1000-2			6	180	4611340029
SUPER 1800	06.68	0010 - 9999	8	150	4611340028
301 EN 1000	00.00	0010 - 9999	10	180	4611340029
SUPER 1900,	06.19	0010 - 9999	12	150	4611340028
SUPER 2100	00.19	0010 - 3333	8	180	4611340029
SUPER 1900-2,	07.19	0010 - 9999	12	150	2038734
SUPER 2100-2	07.10	0010 0000	8	180	2038715
SUPER 2100-2 IP	07.19	0727 - 9999	12	150	2038734
301 L11 2 100-2 II	07.19	0121 - 3333	8	180	2038715
SUPER 2000	06.33, 06.43	0010 - 9999	20	180	4611340029
VISION 5100-2	13.82	0010 - 9999	24	270	2080543
VISION 5200-2	07.74	0010 - 9999	24	300	2062372
SUPER 2500	06.74	0010 - 9999	22	180	4611340029
SUPER 3000-2	08.74	0010 - 9999	16	180	2038715
30FLN 3000-2	00.74	0010-3333	6	180	2133094
		0017 - 9999	18	180	4611340029
MT 1000-1	01.MT	0017 - 0025	4	105	4617090001
		0026 - 9999	4		2013503
MT 3000 3	07.61	0010 - 0000	8	180	2038715
MT 3000-2	07.61	0010 - 9999	12		2149095

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ORIGINAL VÖGELE SPROCKETS

In all tracked Vögele pavers, the drive units are incorporated into the sprockets. This allows to optimally transmit engine power to the tracks and translate it into high tractive effort.

The sprockets supplied by Vögele are designed to perfectly suit this efficient traction concept. High hardness of the sprocket rim, high hardness penetration depth and high core hardness result in excellent resistance to wear and breaking.

Thanks to the sprocket's machined inner ring, a superb fit is ensured.

The hardness of the sprocket teeth is so as to guarantee the longest possible life for the complete crawler unit.





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Machine type	Model	Series range	Part No.
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	2013454
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	2043368
SUPER 1400	06.12	0010 - 9999	4610042039
SUPER 1500	06.70	0010 - 9999	4610042038
CUPED 1000	06.72	0010 - 9999	4610042038
SUPER 1600	06.82	0010 - 9999	4610042047
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 9999	4610042048
SUPER 1600-1 EP, SUPER 1800-1 EP	09.82	0010 - 9999	4610042048
SUPER 1600-2, SUPER 1800-2, SUPER 1800-2 SJ	11.82	0010 - 9999	4610042048
SUPER 1800-2	12.82	0088 - 9999	4610042048
CURER 4000		0010 - 1572	4610042038
SUPER 1800	06.68	1573 - 9999	4610042048
SUPER 1900, SUPER 2100	06.19	0010 - 9999	4610042048
SUPER 1900-2, SUPER 2100-2	07.19	0010 - 9999	2038741
SUPER 2100-2 IP	07.19	0727 - 9999	2038741
VISION 5100-2	13.82	0010 - 9999	2080552
VISION 5200-2	07.74	0010 - 9999	2045214
SUPER 2500	06.74	0010 - 9999	4610042042
SUPER 3000-2	08.74	0010 - 9999	2115904
MT 3000-2	07.61	0010 - 9999	2149095

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ORIGINAL VÖGELE WHEELS AND TYRES

On road pavers, highest demands are made in terms of manoeuvrability, smooth running and tractive effort. In order to guarantee this on any terrain and in all weather conditions Vögele, together with renowned suppliers, have optimized tyres for their pavers to meet these demands.

The users' benefits are smooth running, high tractive effort and long service lives of both tyres and undercarriage.







Machine type	Model	Series range	Position	Description	Version front wheel	Qty.	Part No.
			Front without front	Wheel complete		4	4606162067
			wheel drive	Tyre		4	4606162072
				NA/In and an analysis	1. Front axle	2	4606162067
SUPER 1103-2,	00.11	0010 - 9999	Front with front	Wheel complete	2. Front axle	2	4606162070
SUPER 1303-2	09.11	0010 - 9999	wheel drive	T	1. Front axle	2	4606162072
				Tyre	2. Front axle	2	4606162071
			Rear	Wheel complete		2	2045376
				Tyre		2	2045375
			Front without front wheel drive	Wheel complete		4	4606162067
				Tyre		4	4606162072
			Front with front	M/h a al a a malata	1. Front axle	2	4606162067
SUPER 1203	07.11			Wheel complete	2. Front axle	2	4606162070
30FEN 1203	07.11	0010 - 9999	wheel drive	Tirro	1. Front axle	2	4606162072
				Tyre	2. Front axle	2	4606162071
			Rear	Wheel complete		2	4602302075
			Rear	Tyre		2	4602302076
			Eront	Wheel complete		2	4606162051
SUPER 1402	06.11	0010 0000	Front	Tyre		4	4924170230
SUPER 1402	00.11	0010 - 9999	Rear	Wheel complete		2	4602302058
				Tyre		2	4602302057



ORIGINAL VÖGELE WHEELS AND TYRES

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Machine type	Model	Series range	Position	Description	Version front wheel	Qty.	Part No.
			Event	Wheel complete		2	4606162031
SUPER 1502	06.71	0010 - 9999	Front	Tyre		4	4924170230
30FLN 1302	00.71	0010 - 9999	Rear	Wheel complete		2	4602302030
			Tical	Tyre		2	4602302063
06.73, 06.83			Front without front	Wheel complete		4	4606162020
		wheel drive	Tyre		8	4924170230	
	06.73, 06.83	73, 83 0010 - 9999	Front with front wheel drive	Wheel complete	1. Front axle	2	4606162020
					2. Front axle	2	4606162061
SUPER 1603				Tyre		8	4924170230
	06.73	73 0010 - 9999	Rear	Wheel complete		2	4602302030
				Tyre		2	4602302063
	06.83	0010 - 9999	Rear	Wheel complete		2	4602302071
				Tyre		2	4602302072
			Front	Wheel complete		4	4602302086
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999	Rear	Wheel complete		2	4602302084
				Tyre		2	4602302072
			Front	Wheel complete		4	4602302086
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	Rear	Wheel complete		2	4602302084
				Tyre		2	4602302072

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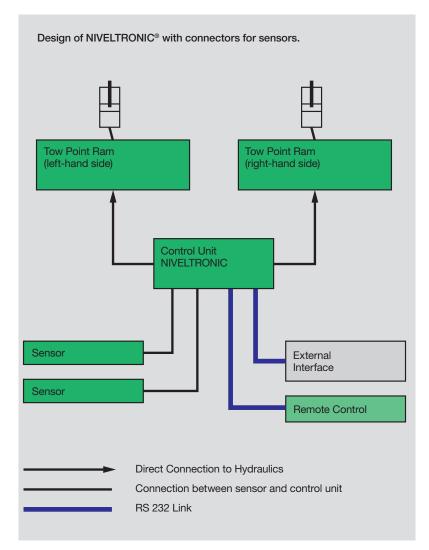
Machine type	Model	Series range	Position	Description	Version front wheel	Qty.	Part No.
			Front	Wheel complete		4	4606162020
	06.69			Tyre		8	4924170230
SUPER 1804	06.69	0010 - 9999	Rear	Wheel complete		4	4602302068
			neai	Tyre		4	4602302069
			Front	Wheel complete		4	4606162074
SUPER 1903	02.18	0010 - 9999	TION	Tyre		4	4602302077
30FLN 1903	02.10		Rear	Wheel complete		2	4602302078
				Tyre		2	4602302072
	09.83	0010 - 9999	Front without front wheel drive	Wheel complete		4	4602302086
			Front with front wheel drive	Wheel complete	1. Front axle	2	4602302086
VISION 5103-2					2. Front axle	2	4602302086
			Rear	Wheel complete		2	2080476
				Tyre		2	2080477
	07.75	0010 - 9999	Front without front wheel drive	Wheel complete		4	4602302086
VISION 5203-2			Front with front wheel drive		1. Front axle	2	4602302086
				Wheel complete	2. Front axle	2	4602302086
			Rear	Wheel complete		2	2075841
				Tyre		2	2047732

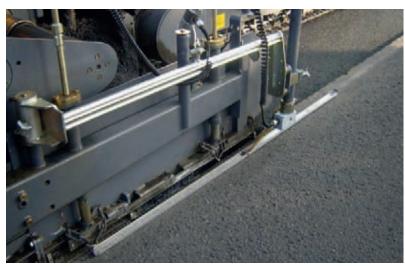


ORIGINAL VÖGELE NIVELTRONIC® AND NIVELTRONIC® PLUS

NIVELTRONIC®

- Of modular design (which allows to add options later and to combine components in many different ways).
- Installs easily and quickly (due to compactsized system components).
- Recognizes automatically whether a sensor is connected and, if so, what type of sensor it is (thanks to microprocessor technology).
- Stores all specific process data until changed (which allows to switch off NIVELTRONIC® Grade and Slope Control at any time without loss of data. When switched off while paving, the current system status is stored in a buffer from where it will be retrieved and displayed as soon as NIVELTRONIC® is switched back on.)
- Programs easily and quickly (set-up of grade and slope easily accomplished on a single handset with keypad and LC display. An advantage above all in places where grade and slope values change continuously as they do, for instance, in an elevated bend).
- Features quick grasp and prompt response (due to high sensitivity of control circuits).
- Levels out irregularities with always the same high accuracy.
- Has interface capability with a laser-based navigation system (thanks to digital electronics).
- Is compatible with any road paver featuring electro-hydraulic control of grade and slope.









NIVELTRONIC® Plus

Perfect Match between Paver and Grade and Slope Control System NIVELTRONIC® Plus offered by Vögele for Automated Grade and Slope Control is a unique system providing the basis for efficient paving true to line and level on any kind of base.

NIVELTRONIC® is an in-house development of Vögele and based on many years of experience with grade and slope control technology. The latest Vögele development is now available in the form of NIVELTRONIC® Plus – the perfect solution for all grade and slope control jobs in terms of easy handling, quality and reliability.

NIVELTRONIC® Plus, a fully integrated system, offers the advantage that the paver's machine technology matches the grade and slope control system perfectly. All wiring and connections are integrated into the tractor unit and screed, thus eliminating any risk of damage.

As a typical Vögele feature, the focus is on the operator. NIVELTRONIC® Plus has been developed with the user in mind and great importance has been attached to easy and user-friendly handling. All set-up can be carried out from the clearly-laid-out screwman's console. Within a very short time, screwmen get fully familiar with all vital NIVELTRONIC® functions and their positive handling. As NIVELTRONIC® Plus is integral part of the paver's control system, extra instructions or training is not required.

It goes without saying that Vögele offer a wide and practical selection of sensors for most varied use of NIVELTRONIC® Plus. No matter whether your job is car park, roundabout or highway construction, Vögele have the right sensor for each field of application. Note as a very practical feature: NIVELTRONIC® Plus recognizes automatically all sensors connected, thus enabling users to easily and quickly carry out set-up.

The advantages at a glance:

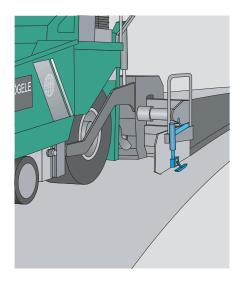
- Unique: Automated grade & slope control supplied directly by the paver manufacturer.
 Machine technology and grade & slope control are perfectly matched, thus ensuring excellent pavement results.
- Wiring and connections are integrated into tractor unit and screed.
- Wide and varied selection of sensors permitting use of NIVELTRONIC® Plus in all fields of applications.
- Automatic recognition of sensors connected for easy and quick set-up.
- Particularly easy, user-friendly control and monitoring of all NIVELTRONIC® Plus functions
- Logical, self-explanatory symbols neutral in language support quick learning of all functions.
- NIVELTRONIC[®] Plus, fully integrated into the paver's control system, does not require any extra training for handling.

1 Referencing from a tensioned wire with sonic grade sensor

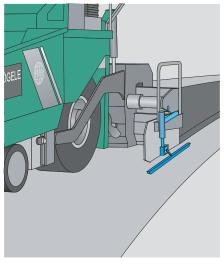




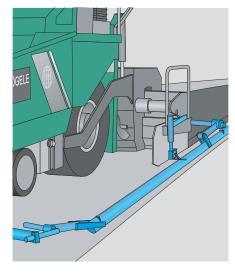
ORIGINAL VÖGELE NIVELTRONIC® AND NIVELTRONIC® PLUS



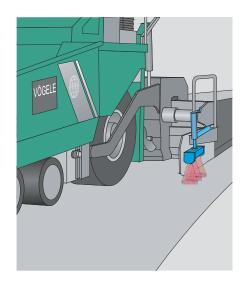
Referencing with mechanical grade sensor and short ski (0.35 m). Ideal in tight curves or used for deliberately copying irregularities from the base.



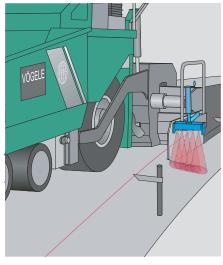
Referencing with mechanical grade sensor and long ski (1 m). Used when paving large bends or straight sections.



Referencing with averaging beam (7 m). Ideal when paving surfaces requiring high evenness.



Sonic grade sensor working in ground mode. Three sound cones are emitted, reflected by the base and used to determine the distance between sensor and base. The distance is signalled to NIVELTRONIC® Grade and Slope Control.



Sonic grade sensor working in string-line mode. Five sound cones are emitted and the shortest reflected signal (from the tensioned wire) is sent to NIVELTRONIC® Grade and Slope Control.



1 Referencing with mechanical grade sensor and ski.





NIVELTRONIC® Plus Screwman's Console

The Vögele NIVELTRONIC® Plus system stands out through convenient set-up and easy use. As a wide selection of sensors is available, the system perfectly matches most varied requirements – a vital precondition to handle high-quality paving jobs impeccably and economically.

The particularity about NIVELTRONIC® Plus is its easy handling and the clear arrangement of its display. Each screwman's console has access to both sides of the screed. For this purpose, the screen is divided into 2 sections – on the left you find information and can carry out set-up for the left-hand side of the screed, on the right you can do the same for the right-hand side.



NIVELTRONIC® Handset

The handset serves for entry of specified grade and slope as well as for constantly monitoring conformity with the specified values.

A single handset does for controlling and monitoring the two tow point rams, left and right sides. The lightweight handset comes with a sturdy shock-proof housing.

Large LC display, easy to read under any job site conditions, informs at a glance about tow point ram movements.

The handset with film keypad is designed for the hostile environment of a road building site. Guided by a very simple menue, operators easily perform accurate control and monitoring of all NIVELTRONIC® functions.



NIVELTRONIC® SC (Single channel)

This is a "lean" version of NIVELTRONIC®, the Vögele System for Grade and Slope Control. Specially offered for the mini paver SUPER 600, SUPER 700 and small paver SUPER 800.



ORIGINAL VÖGELE NIVELTRONIC® AND NIVELTRONIC® PLUS

NIVELTRONIC® Control unit

The control unit works fully automatically. It continuously compares specified values with actual values picked up by the sensors. Any deviation from specified values is followed by correction of the screed's tow points.

NIVELTRONIC® Sonic grade sensor

The sonic sensor can be used for tracing any kind of reference whether tensioned wire, kerbstone or previously laid adjacent lane. It measures the distance to the reference by means of sound pulses. Whenever the distance changes due to irregularities in the base, deviations from specified grade are signalled to NIVELTRONIC®'s control unit for correction.

The sensing element is provided with a total of 6 sensors, 5 of them picking up the elevation and 1 determining the sound velocity which is subject to temperature changes. From measurements, a mean value is calculated which ensures optimum leveling accuracy at all times. Obstacles like, for instance, a stone the size of a fist are recongnized and ignored.

NIVELTRONIC®

Mechanical grade sensor with ski or bow

The ski is ideally suited for direct referencing from a kerb or a previously laid adjacent lane. Where direct referencing is not possible, the bow may be used for tracing an averaging beam or tensioned wire.













The Big MultiPlex Ski comes with 3 sonic grade sensors. Each of them has 5 sensing cells picking up actual values over a length of 28 cm. For calculating an average, however, only three measurements are used out of five, in fact those showing the smallest deviation from the value specified.

Virtual Reference

NIVELTRONIC® Slope sensor

The slope sensor is a kind of electronic spirit level. The sensor continuously picks up actual slope and passes on data to NIVELTRONIC®'s control unit. Easy entry of specified slope on keypad of handset. The tolerance range of the electronic precision instrument is $\pm 0.05\%$.

Big MultiPlex Ski

The Big MultiPlex Ski translates the advantages of the well-proven Vögele Sonic Grade Sensor onto a greater length. Three sonic sensors fitted to the Big MultiPlex Ski cover a distance up to 13m. The Big MultiPlex Ski stands out through versatility and is designed for leveling out any kind of irregularity. By calculating an average from values picked up by several sensors, even long irregularities are compensated without problems. When working with a single sensor, these would not be recognized as a fault.

Laser Receiver

When using a Laser Receiver for grade and slope control, the elevation of the screed is determined by receiving laser beams emitted by a laser unit. The Vögele Laser Receiver is ideal, above all, when it comes to paving large surfaces with constant grade and slope (such as stadiums, car parks, container storage areas etc.). The rotating beam emitted by the laser unit creates a perfect plane picked up by the Laser Receiver fitted to the screed arm. The laser plane serves as a virtual reference which is independent of physical base conditions.



THE COMPLETE DELIVERY RANGE OF THE ORIGINAL VÖGELE NIVELTRONIC® AND NIVELTRONIC® PLUS COMPONENTS



Description	NIVELTRONIC (new)	NIVELTRONIC	Automatic leveling system (old)
	Part No.	Part No.	Part No.
Control unit		2454130106	2454130029
Control unit for SUPER 1900 / 2100		2454130118	
Handset		2454130119	2457110117
Mechanical grade sensor	2039585	2472560017	2472560017
Sonic grade sensor	2197266	2462560028	2462560024
Slope sensor		2462560026	2462560025
Electrical individual sonic sensor complete	2076055		
Electrical sonic sensor	2013496	2454130067	2454160057
Holder for sonic sensor complete	2025506		
Cable 2.5 m (for grade sensor)		2460770015	2460770015
Cable 1 m (for slope sensor)		2460770014	2460770014
Extension cable 4 m		2460770096	2460770096
NIVELTRONIC SC for SUPER 600 / 700 / 800		2024191	
Sonic grade sensor SC for SUPER 600 / 700 / 800		2462560024	
RoadScan laser unit		2462560032	
RoadScan connecting cable		2460770103	
RoadScan control unit		2454130137	
Laser receiver		2011688	
Cable 2.5 m (for laser receiver)		2460770015	
Pole for laser receiver		2014697	
NIVELTRONIC, BIG SKI		2069778	

Description	Part No.
Ski sensor 350 mm	2452260014
Ski sensor 350 mm (for variable mechanical grade sensor), NIVELTRONIC Plus	2042513
Ski sensor 1.0 m	2452260015
Ski sensor 1.0 m (for variable mechanical grade sensor), NIVELTRONIC Plus	2042514
Ski sensor 2.0 m (for variable mechanical grade sensor), NIVELTRONIC Plus	2042515
Ski sensor 2.0 m	2452260017
Grade sensor	2452140009
Grade sensor (for variable mechanical grade sensor), NIVELTRONIC Plus	2042554

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ORIGINAL VÖGELE ACCESSORIES FOR NIVELTRONIC®





Ski

For tracing a grade reference. Available in different lengths for universal use.

Bow

Used in conjunction with the mechanical grade sensor for indirect referencing from a tensioned wire.

Tensioned wire

High-yield-point spring steel (Ø 2 mm, coil of 200 m) for accurate direct or indirect referencing.

Stakes for tensioned wire

2 x 150 cm, paint-coated, clamp made of stainless steel, with welded eye to accomodate the wire.

Pulley block with accessories

With hooks, for tensioning the reference wire. Pulley block complete with clamps and clevises.

Spring balance

To correctly tension the reference wire. The spring balance accurately shows the wire tension.





ORIGINAL VÖGELE ENGINE ATTACHMENT PARTS

The engine forms the heart of every machine, and its reliable operation is an essential requirement. All components selected by Vögele form a complex and sophisticated overall system.

In order to maintain the high performance capability of the system, these components must be regularly checked, and replaced if necessary, during maintenance.

Vögele original parts guarantee unrestricted compatibility, reduce your maintenance requirement and ensure continual power generation.







Machine type	Model	Series range	Description	Quantity	Part No.
			V-belt alternator drive	1	3304111087
		0040 0000	V-belt fan drive	1	3304111287
		0012 - 0629	Starter	1	4912911442
OUDED DOW	00.00		Alternator	1	4612600038
SUPER BOY	06.90		V-belt alternator drive	1	3304111087
		0000 0000	V-belt fan drive	1	2030990
		0630 - 9999	Starter	1	4912911488
			Alternator	1	4612600038
			V-belt alternator drive	1	2033568
SUPER 600,	07.00	0010 0000	Starter	1	2033660
SUPER 700, SUPER 800	07.90	0010 - 9999	Alternator	1	2033659
			Sealing of the valve cover	1	2038389
			V-belt alternator drive	1	2095678
	08.11	0010 - 0200	Starter	1	2033660
		0010 - 0200	Alternator	1	2095667
SUPER 1100-2,			Sealing of the valve cover	1	2072355
SUPER 1300-2		0001 0000	V-belt alternator drive	1	2107467
			Starter	1	2033660
		0201 - 9999	Alternator	1	2095667
			Sealing of the valve cover	1	2072355
	09.11		V-belt alternator drive	1	2095678
		0010 - 0213	Starter	1	2033660
		0010 - 0213	Alternator	1	2095667
SUPER 1103-2,			Sealing of the valve cover	1	2072355
SUPER 1303-2		0214 - 9999	V-belt alternator drive	1	2107467
			Starter	1	2033660
			Alternator	1	2095667
			Sealing of the valve cover	1	2072355
			V-belt fan drive	1	4612130069
	07.11	0010 - 0180	Starter	1	4612130068
		0010 - 0180	Alternator	1	4612130067
SUPER 1203			Sealing of the valve cover	1	2012399
GOI LIT 1203	07.11		V-belt fan drive	1	2073308
		0181 - 9999	Starter	1	2010032
		0181 - 9999	Alternator	1	2092001
			Sealing of the valve cover	1	2033559

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ORIGINAL VÖGELE ENGINE ATTACHMENT PARTS

Machine type	Model	Series range	Description	Quantity	Part No.
SUPER 1400			Drive belt wheel drive	1	4912911452
			Drive belt hydraulic pump drive	1	4912911453
	06.12	0010 - 9999	Drive belt cooling fan drive	1	4912911454
			Starter	1	4912911455
			Alternator	1	4912911456
			Drive belt wheel drive	1	4912911452
			Drive belt hydraulic pump drive	1	4912911453
SUPER 1402	06.11	0010 - 9999	Drive belt cooling fan drive	1	4912911454
			Starter	1	4912911455
			Alternator	1	4912911456
			V-belt alternator drive	1	3304111162
OLIDED 4500	00.70	2012 2002	V-belt fan drive	1	3304111337
SUPER 1500	06.70	0010 - 9999	Starter	1	4912911442
			Alternator	1	4912911443
			V-belt alternator drive	1	3304111162
OLIDED 4500	06.71		V-belt fan drive	1	3304111337
SUPER 1502		0010 - 9999	Starter	1	4912911442
			Alternator	1	4912911443
	06.72		V-belt alternator drive	1	3304111162
			V-belt fan drive	1 set	3304121362
		0010 - 9999	Starter	1	4912911442
OLIDED 1000			Alternator	1	4912911443
SUPER 1600	06.82		V-belt fuel pump drive	1	4612130025
		2012 2002	V-belt fan and alternator drive	1 set	4612130026
		0010 - 9999	Starter	1	4912911488
			Alternator	1	4912911489
			V-belt alternator drive	1	3304111162
		0010 - 9999	V-belt fan drive	1 set	3304121362
	06.73		Starter	1	4912911442
011777 1000			Alternator	1	4912911443
SUPER 1603			V-belt fuel pump drive	1	4612130025
	06.83		V-belt fan and alternator drive	1 set	4612130026
		0010 - 9999	Starter	1	4912911488
			Alternator	1	4912911489
			V-belt fan and alternator drive	1	2010023
OUDED 4000	07.82	0010 - 9999	Starter	1	2010032
SUPER 1600-1			Alternator	1	2010033
			Sealing of the valve cover	1	2033559





Machine type	Model	Series range	Description	Quantity	Part No.
SUPER 1600-1 EP			V-belt fan and alternator drive	1	2010023
	00.00	0010 0000	Starter	1	2010032
	09.82	0010 - 9999	Alternator	1	2010033
			Sealing of the valve cover	1	2033559
			Poly V-belt for fan and coolant pump drive	1	2073308
SUPER 1600-2	11.82	0010 - 9999	Starter	1	2010032
30FEN 1000-2	11.02	0010 - 9999	Alternator	1	2010033
			Sealing of the valve cover	1	2084261
			V-belt fan and alternator drive	1	2010023
CUDED 1602 1	07.00	0010 - 9999	Starter	1	2010032
SUPER 1603-1	07.83	0010 - 9999	Alternator	1	2010033
			Sealing of the valve cover	1	2033559
		0010 - 9999	Poly V-belt for fan and coolant pump drive	1	2073308
CLIDED 1000 0	08.83		Starter	1	2010032
SUPER 1603-2			Alternator	1	2010033
			Sealing of the valve cover	1	2084261
	07.82	0010 - 9999	V-belt fan and alternator drive	1	2013237
CUDED 1000 1			Starter	1	2010032
SUPER 1800-1			Alternator	1	2010033
			Sealing of the valve cover	1	2033692
	09.82		V-belt fan and alternator drive	1	2013237
SUPER 1800-1 EP		0010 0000	Starter	1	2010032
SUPER 1800-1 EP		0010 - 9999	Alternator	1	2010033
			Sealing of the valve cover	1	2033692
	11.82 12.82	()()1() - 9999	Poly V-belt for fan and coolant pump drive	1	2050093
SUPER 1800-2			Starter	1	2010032
SUPER 1800-2			Alternator	1	2010033
			Sealing of the valve cover	1	2084238
			Poly V-belt for fan and coolant pump drive	1	2050093
CUDED 1000 0 C I	11.82	0182 - 9999	Starter	1	2010032
SUPER 1800-2 SJ			Alternator	1	2128500
			Sealing of the valve cover	1	2084238
		83 0010 - 9999	V-belt fan and alternator drive	1	2013237
CLIDED 1000 1	07.02		Starter	1	2010032
SUPER 1803-1	07.83		Alternator	1	2010033
			Sealing of the valve cover	1	2033692

 $\mathsf{EP} = \mathsf{Ergo} \; \mathsf{Plus} \; \cdot \; \mathsf{SJ} = \mathsf{SprayJet}$



ORIGINAL VÖGELE ENGINE ATTACHMENT PARTS

Machine type	Model	Series range	Description	Quantity	Part No.
SUPER 1803-2			Poly V-belt for fan and coolant pump drive	1	2050093
	00.00	0040 0000	Starter	1	2010032
	08.83	0010 - 9999	Alternator	1	2010033
			Sealing of the valve cover	1	2084238
		0010 - 1681	V-belt alternator drive	1	3304111162
			V-belt fan drive	1 set	3304121387
			Starter	1	4912911442
CUPED 1000	00.00		Alternator	1	4912911443
SUPER 1800	06.68		V-belt alternator drive	1	3304111162
		1000 0000	V-belt fan drive	1 set	3304121400
		1682 - 9999	Starter	1	4912911488
			Alternator	1	4912911443
			V-belt alternator drive	1	3304111162
011050 4004	00.00	0010 0000	V-belt fan drive	1 set	3304121387
SUPER 1804	06.69	0010 - 9999	Starter	1	4912911442
			Alternator	1	4912911443
		0010 - 9999	V-belt alternator drive	1	2053376
SUPER 1900,	06.19		V-belt coolant pump drive	1	4612130029
SUPER 2100			Starter	1	4912911488
			Alternator	1	4912911443
	07.19		V-belt alternator drive	1	2053375
			V-belt fuel and coolant pump drive	1	2053377
		0010 - 0910	Starter	1	4912911488
011050 4000 0		0911 - 9999	Alternator	1	2053474
SUPER 1900-2			V-belt alternator drive	1	2053375
			V-belt fuel and coolant pump drive	1	2053377
			Starter	1	2132583
			Alternator	1	2053474
			V-belt alternator drive	1	2053376
011050 4000			V-belt coolant pump drive	1	4612130029
SUPER 1903	02.18	0010 - 9999	Starter	1	4912911488
			Alternator	1	2005026
			V-belt alternator drive	1	2053379
		0010 - 0910	V-belt fuel and coolant pump drive	1	2053376
			Starter	1	4912911488
			Alternator	1	2053474
SUPER 2100-2	07.19	0911 - 9999	V-belt alternator drive	1	2053379
			V-belt fuel and coolant pump drive	1	2053376
			Starter	1	2132583
			Alternator	1	2053474





Machine type	Model	Series range	Description	Quantity	Part No.
SUPER 2100-2 IP			V-belt alternator drive	1	2053379
	07.10	0707 0000	V-belt fuel and coolant pump drive	1	2053376
	07.19	0727 - 9999	Starter	1	2132583
			Alternator	1	2053474
			V-belt alternator drive	1	4912911465
SUPER 2500	06.74	0010 - 9999	Starter	1	4912911499
			Alternator	1	4912911443
			Poly V-belt fan, alternator and coolant pump drive	1	2127617
SUPER 3000-2	08.74	0010 - 9999	Starter	1	2139959
			Alternator	1	2127615
			Sealing of the valve cover	6	2127975
	13.82	0010 - 9999	Poly V-belt fan, alternator and coolant pump drive	1	2075487
VISION 5100-2			Starter	1	2075485
			Alternator	1	2108416
	09.83	0010 - 9999	Poly V-belt fan, alternator and coolant pump drive	1	2075487
VISION 5103-2			Starter	1	2075485
			Alternator	1	2108416
		0010 - 9999	Poly V-belt fan, alternator and coolant pump drive	1	2075487
VISION 5200-2	07.74		Starter	1	2075485
			Alternator	1	2075479
	07.75	07.75 0010 - 9999	Poly V-belt fan, alternator and coolant pump drive	1	2075487
VISION 5203-2			Starter	1	2075485
			Alternator	1	2075479
			Poly V-belt fan, alternator and coolant pump drive	1	2096575
MT 1000-1	01.MT	0017 - 9999	Starter	1	2132583
			Alternator	1	2095667
MT 3000-2	07.61	7.61 0010 - 9999	Poly V-belt fan, alternator and coolant pump drive	1	2215976
			Starter	1	2215983
			Alternator	1	2215978
			Sealing of the valve cover	1	2215973

IP = InLine Pave · MT = Feeder



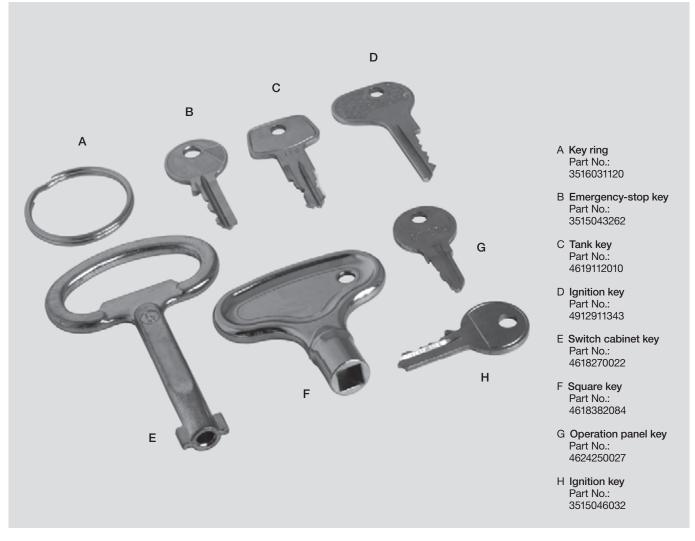
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ORIGINAL VÖGELE SPARE KEYS

The available spare keys ensure that every machine operator is able to move the machine anywhere and at any time, and to open locked areas containing elements that need to be protected against vandalism.

If the number of keys supplied as standard is therefore not enough for operating personnel, more keys should be ordered.







Machine type	Ignition key	Emergency- stop key	Operation panel key	Tank key	Square key	Switch cabinet key	Key ring
SUPER BOY	4912911343			4619112010	4618382084	4618270022	3516031120
SUPER 600, SUPER 700, SUPER 800	3515046032			4619112010	4618382084	4618270022	3516031120
SUPER 1100-2, SUPER 1300-2	3515046032			4619112010	4618382084	4618270022	3516031120
SUPER 1103-2, SUPER 1303-2	3515046032			4619112010	4618382084	4618270022	3516031120
SUPER 1600 Type 0682	4912911343	3515043262	4624250027	4619112010	4618382084	4618270022	3516031120
SUPER 1603 Type 0683	4912911343	3515043262	4624250027	4619112010	4618382084	4618270022	3516031120
SUPER 1800 Type 0668	4912911343	3515043262	4624250027	4619112010	4618382084	4618270022	3516031120
SUPER 1804 Type 0669	4912911343	3515043262	4624250027	4619112010	4618382084	4618270022	3516031120
SUPER 1900, SUPER 2100	4912911343	3515043262	4624250027	4619112010	4618382084	4618270022	3516031120
SUPER 1903	4912911343		4624250027	4619112010	4618382084	4618270022	3516031120
SUPER 1800 SF	4912911343		4624250027	4619112010	4618382084	4618270022	3516031120
SUPER 1800-2 SJ	3515046032			4619112010	4618382084	4618270022	3516031120
SUPER 1600-1, SUPER 1800-1	3515046032			4619112010	4618382084	4618270022	3516031120
SUPER 1600-2, SUPER 1800-2	3515046032			4619112010	4618382084	4618270022	3516031120
SUPER 1603-1, SUPER 1803-1	3515046032			4619112010	4618382084	4618270022	3516031120
SUPER 1603-2, SUPER 1803-2	3515046032			4619112010	4618382084	4618270022	3516031120
SUPER 1900-2, SUPER 2100-2	3515046032			4619112010	4618382084	4618270022	3516031120
SUPER 2100-2 IP	3515046032			4619112010	4618382084	4618270022	3516031120
VISION 5200-2	3515046032			4619112010	4618382084	4618270022	3516031120
VISION 5203-2	3515046032			4619112010	4618382084	4618270022	3516031120
VISION 5100-2	3515046032			4619112010	4618382084	4618270022	3516031120
VISION 5103-2	3515046032			4619112010	4618382084	4618270022	3516031120
SUPER 2500	4912911343		4624250027	4619112010	4618382084	4618270022	3516031120
SUPER 3000-2	3515046032			4619112010	4618382084	4618270022	3516031120
MT 1000-1	4912911343		4624250027	4619112010	4618382084	4618270022	3516031120
MT 3000-2	3515046032			4619112010	4618382084	4618270022	3516031120

 $\mathsf{SF} = \mathsf{Spray}\,\mathsf{Paver}\,\,\cdot\,\,\mathsf{SJ} = \mathsf{SprayJet}\,\,\cdot\,\,\mathsf{IP} = \mathsf{InLine}\,\mathsf{Pave}\,\,\cdot\,\,\mathsf{MT} = \mathsf{Feeder}$



ORIGINAL VÖGELE SERVICE TOOLS

Sophisticated technology calls for modern special tools when it comes to performing maintenance services. Profit from our experience! Used by Vögele service technicians on job sites all over the world, these special tools have proved their appropriateness and done an excellent job. Use them, too. Save precious time and cut costs.

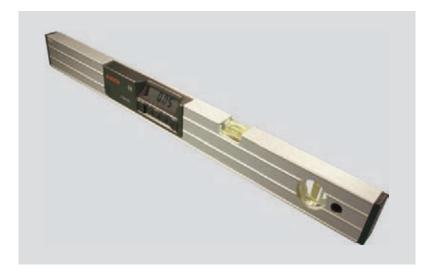
V-Belt tension tester Part No.: 4612070049

For adjusting V-belt tension. Easy to handle.



Spirit level (digital) Part No.: 3516031122

Digital display down to a tenth of a degree. In addition, slope is indicated in %. Direction of slope shown by arrows. When holding spirit level over your head, the display moves to your field of vision.



Asphalt Paving Case Part No.: 2080162

Only available from Vögele: a case packed with all the tools needed for everyday paving jobs. Clearly arranged and efficiently sorted. Includes equipment for testing the transverse and longitudinal slope, asphalt thickness, mix temperature, levelness, etc. Everyday work will soon be inconceivable without this shockproof case on rollers as a constant companion.







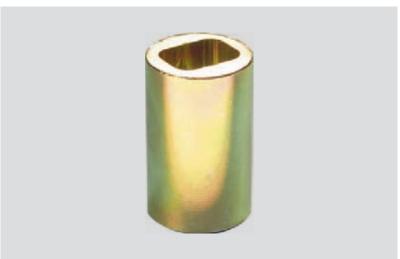
Special spanner: "telescoping tubes" Part No.: 2002715

For unscrewing and tightening up locking nuts on the telescoping tubes of extending screeds.



Special spanner: "height adjustment of screed's extending units" Part No.: 4618270011

For adjusting the screed's extending units in height after having carried out maintenance services. For AB 475 and AB 575 screeds.



Special socket: "spring piles for pressure bar(s)" Part No.: 2002717

For preloading spring piles of hydraulic rams for pressure bars.

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ORIGINAL VÖGELE **SERVICE TOOLS**

Special socket: "hydraulic rams for pressure bar(s)"
Part No.: 4618270012

For unscrewing and tightening up locking nuts on hydraulic rams for pressure bars.

Level 4 m

Part No.: 2034936

Length of level 4 m, folding down to 1 m,

90 x 18 mm, no bubbles.







Measuring instrument for layer thickness Part No.: 2060727 (not shown here)

Measuring instrument for layer thickness.

Polyester line Part No.: 2060897

Stringline made of polyester, 500 m coil, dia-

metre 3 mm, colour: red.

Reel for line, on wheels Part No.: 2060899

Reel to coil up polyester line, easy unwinding.

Rod for stake Part No.: 2060896

Rod to accomodate stake for stringline.

Stake

Part No.: 2060728

Stake for stringline, distance between stakes

50-250 mm



ORIGINAL VÖGELE SERVICE TOOL KITS



Profit from our service tool kit and be sure that your machine is ready for operation at all times.

Service tool kit Part No.: 2024590

Sets of screw drivers and pliers, crimping tool, a variety of switches, sensors and relays, digital measuring equipment pressure gauges etc.



Electrical service kit (new version) Part No.: 2052241

Which part is faulty? Is everything there? With this case, you can be sure of having everything you need. It contains all the standard parts needed to remedy a fault in the electrical system without wasting time. Suitable for all paver models, including the new -2 family of pavers.



O-ring kit

Part No.: 4614062005

Leaks in the hydraulic system? Have this well-assorted o-ring kit on hand and be prepared.



ORIGINAL VÖGELE TOOLS FOR HYDRAULIC SYSTEMS





Hydraulic connection kit Part No.: 2056134

Every service vehicle and every repair shop should have such a case. It is packed with a clearly laid out assortment of cutting rings, union nuts, Minimess connections, SAE couplings and all standard couplings.



Vacuum exhauster / pump Part No.: 2008975

When working on the hydraulic system it is important to prevent oil from passing out. The vacuum exhauster / pump creates a stable pressure column in your hydraulic circuit which allows to carry out repairs with loss of oil reduced to a minimum.

For producing a stable pressure column in the hydraulic system, so that repair work can be carried out without oil escaping – no pollution. For leak testing of the hydraulic system.

ORIGINAL VÖGELE TOOLS FOR ELECTRICAL SYSTEM

Conceived by experts for experts. With our tractor units and screeds we rely on premium quality and so do we with our service tools. For only high-quality tools fitting your machine allow quick remedy.

Clip-on ammeter Part No.: 2008516

For measuring A.C. / D.C. from 0.3 - 700 Ampères, A.C. / D.C. voltage from 0 - 750 Volts, frequency from 0.5 - 9999 Hz, resistance from 0 - 4 k Ω or for carrying out continuity test. With belt pouch.



Infrared temperature measuring instrument

Part No.: 2008493

Non-contacting measurement by infrared sensor. Emittance adjustable for measurement on most various surfaces. Infrared and contacting measurement combined in one instrument. With belt pouch and batteries.



Insulation continuity tester Part No.: 2014661

For testing the insulation of the screed heating system.







Hand-held digital speedometer Part No.: 2008504

For measuring rpm, speed, length. Noncontacting measurement with reflector mark. Slip-on adapter for contacting measurement. Memory. Turns off automatically.

Cable for insulation continuity tester
Part No.: 2014662 (not shown here)
Cables and connectors for insulation continuity tester.

Multimeter

Part No.: 425191 (not shown here)

Measuring instrument for voltage, amperage, Hz.

Crimping-pliers 0.5 - 2.5 Part No.: 449391 (not shown here) For Crimp connectors 0.5 - 2.5 mm². Crimping-pliers from 2.5
Part No.: 425091 (not shown here)
For Crimp connectors > 2.5 mm².

Demounting tool

Part No.: 437591 (not shown here)

Demounting tool for crimp contacts in connector releases retention.

Demounting tool

Part No.: 437491 (not shown here)

Demounting tool for crimp contacts in connector releases retention.

ORIGINAL VÖGELE ELECTRICAL AND HYDRAULIC EMERGENCY KITS

Avoid downtime and enhance your paver's operational availability

Nothing is more important than operational reliability of your Vögele paver. Minor faults in your electrical or electronic systems, however, may have major consequences for your Vögele paver's reliability in service.

Original Vögele "Electrical Emergency Kits" contain an assortment of switches, sensors, fuses and control items to quickly fix minor faults.

Original Vögele "Electrical Emergency Kits" avoid downtime and maintain your paver's operational availability.

Emergency kit Part No.: see next page

Sturdy case with all the most frequently needed electrical and hydraulic components to remedy technical problems directly on the job. The handy kit is supplied with appropriate spare parts for each machine model.





Machine type	Model	Series range	Part No.
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999	2055594
SUPER 1203	07.11	0010 - 9999	2055592
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999	2110715
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999	2110719
SUPER 1600-1, SUPER 1800-1	07.82	0010 - 9999	2055583
SUPER 1603-1, SUPER 1803-1	07.83	0010 - 9999	2055585
SUPER 1800	06.68	0010 - 9999	2055593
SUPER 1600-2, SUPER 1800-2	11.82	0010 - 9999	2110709
SUPER 1603-2, SUPER 1803-2	08.83	0010 - 9999	2110712
SUPER 1900, SUPER 2100	06.19	0010 - 9999	2055586
SUPER 1900-2, SUPER 2100-2	07.19	0010 - 9999	2055491
VISION 5200-2	07.74	0040, 0000	0404400
VISION 5203-2	07.75	0010 - 9999	2101420
VISION 5100-2	13.82	0040 0000	0154444
VISION 5103-2	09.83	0010 - 9999	2151111
SUPER 3000-2	08.74	0010 - 9999	2164865

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ORIGINAL VÖGELE FILTER ELEMENTS

Nothing is more important than your machine's reliability. Only regular maintenance will ensure your road paver is ready for use and functions correctly.

- Original Vögele air cleaners stand out through:
 Highest stability to pressure even under extreme conditions (cold start, for instance).
- Special structure to absorb large quantity of
- dirt particles, thus long service life.
 High retention capacity guarantees excellent purity of your oil at all times.







Machine type	Model	Description	Series range	Quantity	Part No.
	ER 600, ER 700, ER 800 07.90 ER 1100-2, ER 1300-2 08.11	Engine oil filter	0010 - 9999	1	4912911351
		Fuel filter	0010 - 9999	1	4912911347
		Air filter	0010 - 9999	1	4624080029
			0010 - 0060	1	4624701336
SUPER BOY	06.90		0010 0000	1	4624701335
		Hydraulic oil filter	0061 - 0129	1	4624701335
		Trydradile on filter	0001 0120	1	4624701334
			0130 - 0518	1	9624311001
			0519 - 9999	1	9624561001
		Engine oil filter	0010 - 9999	1	2031308
SUPER 600,		Fuel filter	0010 - 9999	1	2031309
		Fuel pipe filter	0010 - 9999	1	2031928
SUPER 700,	07.90	Air filter (Main filter)	0010 - 9999	1	147170
SUPER 800		Air filter (Safety filter)	0010 - 9999	1	147171
		Hudraulia oil filtor	0010 0000	1	2032494
		Hydraulic oil filter	0010 - 9999	1	9624611001
		Engine oil filter	0010 - 9999	1	2031308
UPER 1100-2.		Fuel filter	0010 - 9999	1	2031309
SUPER 1100-2,	00.44	Air filter (Main filter)	0010 - 9999	1	1209582
SUPER 1300-2	08.11	Air filter (Safety filter)	0010 - 9999	1	1209612
	· USII	11 1 2 2 2 2 2	0010 0000	1	9624611001
		Hydraulic oil filter	0010 - 9999	1	2032494
		Engine oil filter	0010 - 9999	1	2031308
		Fuel filter	0010 - 9999	1	2031309
SUPER 1103-2,	00.44	Air filter (Main filter)	0010 - 9999	1	1209582
SUPER 1303-2	09.11	Air filter (Safety filter)	0010 - 9999	1	1209612
		11 1 2 2 2 2 2	2010 2000	1	9624611001
		Hydraulic oil filter	0010 - 9999	1	2032494
			0010 - 0180	1	4612130063
	2, 00.11	Engine oil filter	0181 - 0213	1	2010010
			0214 - 9999	1	2037014
		F 150	0010 - 0180	1	4612130072
011050 4000	07.44	Fuel filter	0181 - 9999	1	2010030
SUPER 1203	07.11	Air filter (Main filter)	0010 - 9999	1	1209582
		Air filter (Safety filter)	0010 - 9999	1	1209612
				1	9624251000
		Hydraulic oil filter	0010 - 9999	1	9624601001
				1	9624611001
			0010 - 0076	1	4912911450
		Engine oil filter	0077 - 9999	1	4912911497
		Fuel filter	0010 - 9999	1	4912911451
		Air filter	0010 - 9999	1	4624080124
SUPER 1400	06.12			2	9624251000
				1	9624271001
		Hydraulic oil filter	0010 - 9999	1	9624281001
				1	9624291001

 $\label{thm:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$



ORIGINAL VÖGELE FILTER ELEMENTS

Machine type	Model	Description	Series range	Quantity	Part No.
		Engine oil filter	Series range Quantition 0010 - 0038 1 0039 - 9999 1 0010 - 9999 1 0010 - 9999 1 1 1	1	4912911450
		Linginie oli ilitei	0039 - 9999	1	4912911497
	Engine oil filter 0010 - 0038 Fuel filter 0010 - 9999 Fuel filter 0010 - 9999 Air filter 0010 - 9999 Engine oil filter 0010 - 9999 Air filter 0010 - 9999 Engine oil filter 0010 - 9999 Air filter 0016 - 9999 Air filter 0010 - 9999 Engine oil filter 0010 - 9999 Air filter 0010 - 9999 Engine oil filter 0010 - 9999 Fuel filter 0010 - 9999 Engine oil filter 0010 - 9999 Fuel filter 0010 - 9999 Air filter 0010 - 9999 Fuel filter (Separ) 0010 - 9999 Air filter (Safety filter) 0010 - 9999	0010 - 9999	1	4912911451	
SUPER 1402	06.11	Air filter	0010 - 9999	1	4624080124
301 LIT 1402	00.11			2	9624251000
		Hydraulic oil filter	0010 - 0000	1	9624271001
		Engine oil filter 0039 - 9999 Fuel filter 0010 - 9999 Air filter 0010 - 9999 Engine oil filter 0010 - 9999 Engine oil filter 0010 - 9999 Air filter 0010 - 9999 Air filter 0010 - 9999 Air filter 0010 - 9999 Hydraulic oil filter 0010 - 0062 0063 - 9999 Engine oil filter 0016 - 9999 Air filter 0016 - 9999 Engine oil filter 0016 - 9999 Hydraulic oil filter 0016 - 0090 0091 - 9999 Engine oil filter 0010 - 9999 Hydraulic oil filter 0010 - 9999 Engine oil filter	0010 - 9999	1	9624281001
				1	9624291001
		Engine oil filter	0010 - 9999	1	234486
		Fuel filter	0010 - 9999	1	4912911347
		Air filter	0010 - 9999	1	4624080089
SUPER 1500	06.70			1	9606671002
SUPER 1500	06.70		0010 - 9999	2	9624251000
	Engine oil filter	Hydraulic oil filter		1	9624281001
			0010 - 0062	1	9624241001
			0063 - 9999	1	9624291001
		Engine oil filter	0016 - 9999	1	234486
	06.71	Fuel filter	0016 - 9999	1	4912911347
		Air filter	0010 - 9999	1	4624080089
011050 4500				1	9606871002
SUPER 1502			0016 - 9999	1	9624271001
		Hydraulic oil filter		1	9624281001
			0016 - 0090	1	9624241001
			0091 - 9999	1	9624291001
		Engine oil filter	0010 - 9999	1	234486
		Fuel filter	0010 - 9999	1	4912911347
		At GU	0010 - 0133	1	4624080089
		Air fliter	0134 - 9999	1	2299
	06.72		0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 1 1 0010 - 0062 1 0063 - 9999 1 0016 - 9999 1 0016 - 9999 1 0016 - 9999 1 0016 - 0090 1 0091 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 0133 1 0134 - 9999 1 0010 - 9999 1 0010 - 0083 1 0084 - 9999 1 0010 - 9999 1 0010 - 0298 1 0299 - 9999 1 0010 - 9999 1	1	9606671002
			0010 - 9999	2	9624251000
		Hydraulic oil filter		1	9624281001
			oil filter 0016 - 9999 1 or 0016 - 9999 1 0010 - 9999 1 1 0016 - 9999 1 0016 - 0090 1 0091 - 9999 1 0010 - 9999 1 0010 - 0133 1 0134 - 9999 1 0010 - 9999 2 c oil filter 0010 - 0083	1	9624241001
			0084 - 9999	1	9624291001
SUPER 1600		Engine oil filter	0010 - 9999	1	2185177
		Fuel filter	0010 - 9999	1	4612130022
		Fuel filter (Preliminary fuel filter)	0010 - 0298	1	4612130039
		Fuel filter (Separ)	0299 - 9999	1	2001457
	00.00		0010 - 9999	1	4624080056
	06.82			1	144484
				1	9606671002
				2	9624251000
		Hydraulic oil filter	0010 - 9999		9624281001
				1	9624291001

Due to possible technical changes, please always compare with the information in the instruction manual.





Machine type	Model	Description	Series range	Quantity	Part No.
		Engine oil filter	0010 - 0333	1	2010010
		Engine oil litter	0334 - 9999	1	2037014
		Fuel filter	0010 - 9999	1	2010030
CURED 1000 1	07.00	Air filter (Main filter)	0010 - 9999	1	1209590
SUPER 1600-1	07.82	Air filter (Safety filter)	0010 - 9999	1	1209620
				2	9624251000
		Hydraulic oil filter	0010 - 9999	1	9624531001
		Comparison of the Comparison	1	9624541001	
		Engine oil filter	0010 - 9999	1	2037014
		Fuel filter	0010 - 9999	1	2010030
		Air filter (Main filter)	0010 - 9999	1	1209590
SUPER 1600-1 EP	09.82	Air filter (Safety filter)	0010 - 9999	1	1209620
			0010 - 9999	2	9624251000
		Hydraulic oil filter	0010 - 9999	1	9624531001
	Eng Fue Prel Air t			1	9624541001
		Engine oil filter	0010 - 9999	1	2037014
		Fuel filter	0010 - 9999	1	2081071
		Preliminary fuel filter	0010 - 9999	1	2111791
CLIDED 1000 0	11.00	Air filter (Main filter)	0010 - 9999	1	1209590
SUPER 1600-2	11.82	Air filter (Safety filter)	0010 - 9999	1	1209620
		Hydraulic oil filter	0010 - 9999	1	9624531001
			0010 - 9999	1	9624541001
				2	9624251000
		Engine oil filter	0010 - 9999	1	234486
		Fuel filter	0010 - 9999	1	4912911347
		Air filter	0010 - 9999	1	2299
	06.73			1	9606871002
		I hydroylia ail filtar	0010 0000	1	9624271001
		Hydraulic oil liller	0010 - 9999	1	9624281001
			1 0010 - 9999	9624291001	
		Engine oil filter	0010 - 9999	1	2185177
SUPER 1603		Fuel filter	0010 - 9999	1	4612130022
		Fuel filter (Preliminary fuel filter)	0010 - 0292	1	4612130039
		Fuel filter (Separ)	0293 - 9999	1	2001457
	06.90	Air filter (Main filter)	0010 - 9999	1	4624080056
	06.83	Air filter (Safety filter)	0010 - 9999	1	144484
				1	9606871002
		Liver die eil filter	0010 0000	1	9624271001
		Hydraulic oil filter	0010 - 9999	1	9624281001
				1	9624291001

 $\label{eq:epsilon} \begin{aligned} & \text{EP} = \text{ErgoPlus} \\ & \text{Due to possible technical changes, please always compare with the information in the instruction manual.} \end{aligned}$



ORIGINAL VÖGELE FILTER ELEMENTS

Machine type	Model	Description	Series range	Quantity	Part No.
		Engine oil filter	0010 - 9999	1	2010010
		Fuel filter	0010 - 9999	1	2010030
		Air filter (Main filter)	0010 - 9999	1	1209590
SUPER 1603-1	07.83	Air filter (Safety filter)	0010 - 9999	1	1209620
				2	9624251000
		Hydraulic oil filter	0010 - 9999	1	9624531001
		Engine oil filter Fuel filter Oil Air filter (Main filter) Air filter (Safety filter) Hydraulic oil filter Engine oil filter Engine oil filter Fuel filter (Main filter) Air filter (Main filter) Air filter (Main filter) Air filter (Safety filter) Oil Hydraulic oil filter Engine oil filter Engine oil filter Fuel filter Fuel filter Air filter Oil Engine oil filter Fuel filter Air filter Oil Engine oil filter Oil Engin		1	9624541001
		Engine oil filter	0010 - 9999	1	2037014
		Fuel filter	0010 - 9999	1	2081071
		Preliminary fuel filter	0010 - 9999	1	2111791
CUDED 1602 0	00.00	Air filter (Main filter)	0010 - 9999	1	1209590
SUPER 1603-2	08.83	Air filter (Safety filter)	0010 - 9999	1	1209620
			0010 - 9999	1	9624531001
		Hydraulic oil filter	0010 - 9999	1	9624541001
			0010 - 9999	2	9624251000
			0010 - 1325	99 1 99 2 25 1 881 1 99 1 81 1 99 1 99 1	4912911436
		Engine oil filter	1326 - 1681	1	2185177
			1682 - 9999	1	2010937
		5 150	0010 - 1681	1	4912911347
	06.68	Fuel filter	1682 - 9999	1	2010742
SUPER 1800		Air filter	0010 - 9999	1	4624080088
		Hydraulic oil filter	0010 - 9999	1	9606671002
				2	9624251000
				1	9624281001
			0010 - 0270	1	9624241001
			0271 - 9999	1	9624291001
		Engine oil filter	0010 - 9999	2	4612130063
		Fuel filter	0010 - 9999	1	2012534
		Air filter (Main filter)	0010 - 9999	1	1209590
011050 4000 4	07.00	Air filter (Safety filter)	0010 - 9999	1	1209620
SUPER 1800-1	07.82	Filter element for venting crankshaft	0010 - 9999	1	2045500
				2	9624251000
		Hydraulic oil filter	0010 - 9999	1	9624531001
				1	9624541001
		Engine oil filter	0010 - 9999	2	4612130063
		Fuel filter	0010 - 9999	1	2012534
		Air filter (Main filter)	0010 - 9999	1	1209590
011050 4000 4 50	00.00		0010 - 9999	1	1209620
SUPER 1800-1 EP	09.82	Filter element for venting crankshaft	0010 - 9999	1	2045500
				2	9624251000
		Hydraulic oil filter	0010 - 9999	1	9624531001
				1	9624541001

EP = ErgoPlus
Due to possible technical changes, please always compare with the information in the instruction manual.







Machine type	Model	Description	Series range	Quantity	Part No.
SUPER 1800-2 SJ 12.8 SUPER 1803-1 07.8		Engine oil filter	0010 - 9999	1	2050089
		Fuel filter	0010 - 9999	1	2081071
		Preliminary fuel filter	0010 - 9999	1	2111791
SUPER 1800-2	11.82	Air filter (Main filter)	0010 - 9999	1	1209590
	12.82	Air filter (Safety filter)	0010 - 9999	1	1209620
				1	9624531001
		Hydraulic oil filter	0010 - 9999	1	9624541001
				2	9624251000
		Engine oil filter	0010 - 9999	2	4612130063
		Fuel filter	0010 - 9999	1	2012534
		Air filter (Main filter)	0010 - 9999	1	1209590
011050 4000 4	07.83	Air filter (Safety filter)	0010 - 9999	1	1209620
SUPER 1803-1				2	9624251000
		Hydraulic oil filter	0010 - 9999	1	9624531001
				1	9624541001
	07.82	Filter element for venting crankshaft	0010 - 9999	1	2045500
		Engine oil filter	0010 - 9999	1	2050089
		Fuel filter	0010 - 9999	1	2081071
		Preliminary fuel filter	0010 - 9999	1	2111791
		Air filter (Main filter)	0010 - 9999	1	1209590
SUPER 1803-2	08.83	Air filter (Safety filter)	0010 - 9999	1	1209620
		Hydraulic oil filter		1	9624531001
			0010 - 9999	1	9624541001
				2	9624251000
			0010 - 0424	1	4912911436
		Engine oil filter	0425 - 9999	1	2185177
		Fuel filter	0010 - 9999	1	4912911347
		Air filter	0010 - 9999	1	4624080088
SUPER 1804	06.69			1	9606671002
			0010 - 9999	1	9606871002
		Hydraulic oil filter		1	9624281001
			0010 - 0100	1	9624241001
			0101 - 9999	1	9624291001
		Engine oil filter	0010 - 9999	1	2185177
		Fuel filter	0010 - 9999	1	4612130012
		Fuel filter (Preliminary fuel filter)	0010 - 0393	1	4612130039
SUPER 1900,		Fuel filter (Separ)	0394 - 9999	1	2001457
SUPER 2100	06.19	Air filter (Main filter)	0010 - 9999	1	4624082176
		Air filter (Safety filter)	0010 - 9999	1	97201
				1	9624531001
		Hydraulic oil filter	0010 - 9999	1	9624541001

 $SJ = SprayJet \\ Due to possible technical changes, please always compare with the information in the instruction manual.$



ORIGINAL VÖGELE FILTER ELEMENTS

Machine type	Model	Description	Series range	Quantity	Part No.
		Engine oil filter	0010 - 1304	1	2185177
		Fuel filter	0010 - 1304	2	2041593
		Fuel filter (Preliminary fuel filter)	0010 - 1304	1	2041590
		Air filter (Main filter)	0010 - 1304	1	4624082176
		Air filter (Safety filter)	0010 - 1304	1	97201
		I hadron die eil Elban	0010 1004	1	9624531001
SUPER 1900-2,	07.19	Hydraulic oil filter	0010 - 1304	1	9624541001
SUPER 2100-2, SUPER 2100-2 IP	07.19	Engine oil filter	1305 - 9999	1	2185177
		Fuel filter	1305 - 9999	2	2041593
		Fuel filter (Preliminary fuel filter)	1305 - 9999	1	2175352
		Air filter (Main filter)	1305 - 9999	1	4624082176
		Air filter (Safety filter)	1305 - 9999	1	97201
		I hydronlin oil filter	1305 - 9999	1	9624531001
		Hydraulic oil filter 13		1	9624541001
		Engine oil filter	0010 - 9999	1	2185177
		Fuel filter	0010 - 9999	1	4612130012
		Fuel filter (Separ)	0010 - 9999	1	2001457
SUPER 1903	02.18	Air filter (Main filter)	0010 - 9999	1	2001013
		Air filter (Safety filter)	0010 - 9999	1	2001014
		I hadve die eil filter	0010 0000	1	9624531001
		Hydraulic oil filter	0010 - 9999	1	9624541001
		Engine oil filter	0010 - 9999	1	2075488
		Fuel filter	0010 - 9999	1	2075482
		Fuel filter (Preliminary fuel filter)	0010 - 9999	1	2075486
VISION 5100-2, VISION 5103-2	13.82 09.83	Air filter (Main filter)	0010 - 9999	1	2072287
		Air filter (Safety filter)	0010 - 9999	1	2072289
		Hydraulic oil filter	0010 - 9999	1	9624601001
		nyuraulic oli liiter	0010 - 9999	1	9624541001
		Engine oil filter	0010 - 9999	1	2075488
		Fuel filter	0010 - 9999	1	2075482
		Fuel filter (Preliminary fuel filter)	0010 - 9999	1	2075486
VISION 5200-2, VISION 5203-2	07.74 07.75	Air filter (Main filter)	0010 - 9999	1	4624082176
		Air filter (Safety filter)	0010 - 9999	1	97201
		Hydraulic oil filter	0010 - 9999	1	9624531001
		Trydraulic Oil filler	0010 - 3333	1	9624541001

 $\mathsf{IP} = \mathsf{InLine}\;\mathsf{Pave}$

Due to possible technical changes, please always compare with the information in the instruction manual.







Machine type	Model	Description	Series range	Quantity	Part No.
		Engine oil filter	0010 - 9999	1	4912911436
		Fuel filter	0010 - 9999	2	4912911471
		Fuel filter (Preliminary fuel filter)	0043 - 0102	1	4612130039
CLIDED 0500	06.74	Fuel filter (Separ)	0103 - 9999	1	2001457
SUPER 2500	06.74	Air filter (Main filter)	0010 - 9999	1	4624082176
		Air filter (Safety filter)	0010 - 9999	1	97201
		Lhadroulia ail filtar	0010 0000	2	9606671002
		Hydraulic oil filter	0010 - 9999	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9624251000
		Engine oil filter	0010 - 9999	1	8277
		Fuel filter	0010 - 9999	2	2127618
		Fuel filter (Preliminary fuel filter)	0010 - 9999	1	2127614
SUPER 3000-2	08.74	Air filter (Main filter)	0010 - 9999	1	41925
		Air filter (Safety filter)	0010 - 9999	1	2120885
		Harden Para II Char	0040 0000	1	9624531001
		Hydraulic oil filter	0010 - 9999	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9624541001
		Engine oil filter	0017 - 0081	1 2	2185177
		Fuel filter	0017 - 0081	2	2041593
		Fuel filter (Preliminary fuel filter)	0017 - 0081	1	2041590
		Air filter (Main filter)	0017 - 0081	1	1209590
		Air filter (Safety filter)	0017 - 0081	1	1209620
				1	9624521001
		Hydraulic oil filter	0017 - 0081	1	9606671002
N4T 4 000 4	04.14			1	9624291001
MT 1000-1	01 MT	Engine oil filter	0082 - 9999	1	2185177
		Fuel filter	0082 - 9999	2	2041593
		Fuel filter (Preliminary fuel filter)	0082 - 9999	1	2175352
		Air filter (Main filter)	0010 - 9999 1 0010 - 9999 1 0010 - 9999 2 6 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 0017 - 0081 1 0017 - 0081 1 0017 - 0081 1 0017 - 0081 1 0017 - 0081 1 0082 - 9999 1 0082 - 9999 1 0082 - 9999 1 0082 - 9999 1 0082 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1 0010 - 9999 1	1	1209590
		Air filter (Safety filter)	0082 - 9999	1	1209620
				1	9624521001
		Hydraulic oil filter	0082 - 9999	1	9606671002
				1	9624291001
		Engine oil filter	0010 - 9999	1	2185177
		Fuel filter	0010 - 9999	2	2041593
		Fuel filter (Preliminary fuel filter)	0010 - 9999	1	2175352
N.4T.0000.6	07.61	Air filter (Main filter)	0010 - 9999	1	1266748
MT 3000-2	07.61	Air filter (Safety filter)	0010 - 9999	1	1266721
				1	9624551000
		Hydraulic oil filter	0010 - 9999	1	9624541001
				1	9624531001

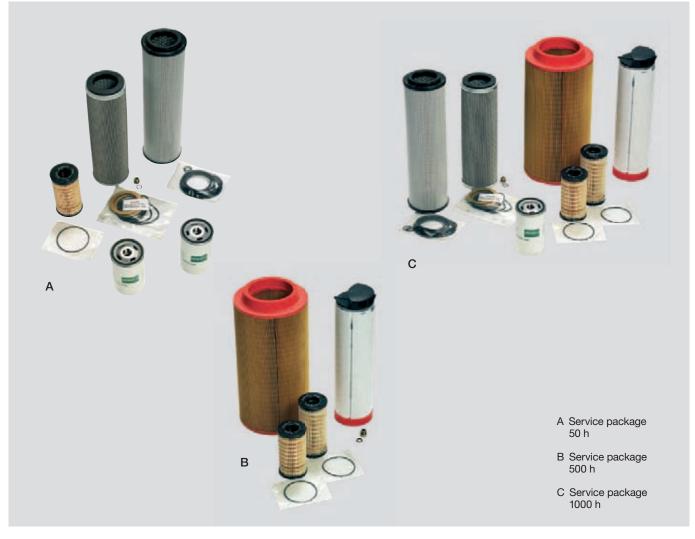
$$\label{eq:mt} \begin{split} \text{MT} &= \text{Feeder} \\ \text{Due to possible technical changes, please always compare with the information in the instruction manual.} \end{split}$$



ORIGINAL VÖGELE SERVICE PACKAGES FOR FILTERS

Make use of our service packages offered for paver models and maintenance intervals. They include all filters and seals required.







			Replacement interval			
Machine type	Model	Series range	50 h	500 h	1000 h	
		0010 - 0060		2028571	2028607	
		0061 - 0129		2028571	2028608	
SUPER BOY	06.90	0130 - 0518		2028571	2028609	
		0519 - 0629		2028571	2028610	
		0630 - 9999		2030979	2030980	
SUPER 600, SUPER 700, SUPER 800	07.90	0010 - 9999		2033689	2033691	
SUPER 1100-2, SUPER 1300-2	08.11	0010 - 9999		2069167	2069169	
SUPER 1103-2, SUPER 1303-2	09.11	0010 - 9999		2069167	2069169	
		0010 - 0180		4620304192	2028026	
SUPER 1203	07.11	0181 - 0213		2012507	2012508	
		0214 - 9999		2037383	2037384	
CURER 1400	06.12	0010 - 0076		2028572	2028611	
SUPER 1400		0077 - 9999		2028573	2028612	
CURER 1 400	00.11	0010 - 0038		2028572	2028611	
SUPER 1402	06.11	0039 - 9999		2028573	2028612	
CUDED 1500	06.70	0010 - 0062		2028577	2028447	
SUPER 1500	06.70	0063 - 9999		2028577	2028392	
SUPER 1502	06.71	0016 - 0090		2028577	2028347	
SUPER 1302	00.71	0091 - 9999		2028577	2028338	
	06.72	0010 - 0083		2028577	2028337	
SUPER 1600	00.72	0084 - 9999		2028577	2028330	
SUPER 1000	06.82	0010 - 0298		2028578	2028329	
	00.02	0299 - 9999		2028579	2028325	
SUPER 1600-1	07.82	0010 - 0333	2011360	2011361	2011362	
SUPEN 1000-1	07.02	0334 - 9999	2011360	2037317	2037318	
SUPER 1600-2	11.82	0010 - 9999	2052665	2052666	2052667	

 $\label{thm:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$



ORIGINAL VÖGELE SERVICE PACKAGES FOR FILTERS

			Replacement interval			
Machine type	Model	Series range	50 h	500 h	1000 h	
	06.73	0010 - 9999		2028577	2028296	
SUPER 1603	00.00	0010 - 0292		2028578	2028286	
	06.83	0293 - 9999		2028579	2028269	
CLIDED 1602 1	07.83	0010 - 0241	2011360	2011361	2011362	
SUPER 1603-1	07.63	0242 - 9999	2011360	2037317	2037318	
SUPER 1603-2	08.83	0010 - 9999	2052665	2052666	2052667	
		0010 - 0270		2028580	2028262	
CLIDED 1900	06.68	0271 - 1325		2028580	2028253	
SUPER 1800	00.00	1326 - 1681		2028581	2028244	
		1682 - 9999	2028025	2028562	2028563	
SUPER 1800-1	07.82 09.82	0010 - 9999	2011360	2012539	2012540	
SUPER 1800-2, SUPER 1800-2 SJ	11.82	0010 - 9999	2052665	2052668	2052669	
SUPER 1800-2	12.82	0088 - 9999	2052665	2052668	2052669	
SUPER 1803-1	07.83	0010 - 9999	2011360	2012539	2012540	
SUPER 1803-2	08.83	0010 - 9999	2052665	2052668	2052669	
		0010 - 0100		2028580	2028234	
SUPER 1804	06.69	0101 - 0424		2028580	2028213	
		0425 - 9999		2028581	2028127	
SUPER 1900,	06.10	0010 - 0393		2028582	2028115	
SUPER 2100	06.19	0394 - 9999	2028564	2013769	2028076	
SUPER 1900-2,	07.19	0010 - 1304	2041586	2041587	2041588	
SUPER 2100-2	07.19	1305 - 9999	2041586	2188956	2188959	
SLIDED 2100 2 ID	07.19	0727 - 1304	2041586	2041587	2041588	
SUPER 2100-2 IP	07.19	1305 - 9999	2041586	2188956	2188959	

 $SJ = SprayJet \ \cdot \ IP = InLine \ Pave \\ Due \ to \ possible \ technical \ changes, \ please \ always \ compare \ with \ the \ information \ in \ the \ instruction \ manual.$







			Replacement interval			
Machine type	Model	Series range	50 h	500 h	1000 h	
SUPER 1903	02.18	0010 - 9999	2028564	2007898	2028565	
VISION 5100-2	13.82	0010 - 9999	2087480	2087481	2087482	
VISION 5103-2	09.83	0010 - 9999	2087480	2087481	2087482	
VISION 5200-2	07.74	0010 - 9999	2075492	2075493	2075498	
VISION 5203-2	07.75	0010 - 9999	2075492	2075493	2075498	
	06.74	0010 - 0042		2013770	2028067	
SUPER 2500		0043 - 0102		2028606	2028029	
		0103 - 9999		2028560	2028561	
SUPER 3000-2	08.74	0010 - 9999	2136257	2136259	2136261	
		0010 - 0060	2013601	2013602	2013603	
MT 1000-1	01.MT	0061 - 0081	2137012	2137013	2137014	
		from 0082		2188960	2188962	
MT 3000-2	07.61	0010 - 9999	2184906	2184908	2184909	

MT = Feeder
Due to possible technical changes, please always compare with the information in the instruction manual.

ORIGINAL WIRTGEN GROUP LUBRICANTS

The complex and demanding requirements imposed by Wirtgen Group machines have been analyzed in intensive research and testing work together with leading oil companies and translated into optimum specifications. The resultant products are now used for first-time lubrication of the machines in the factory. The outcome of these efforts is remarkable:

A large range of premium lubricants from a single source complemented by highly functional accessories "made in Germany" for filling and lubrication. The new Wirtgen Group lubricants ensure that your fleet does not grind to a halt.

Premium lubricants

Wirtgen Group lubricants combine the best possible basic oils and unique additives in customized specifications. The advantages for you:

- Extended oil-change intervals based on oil analysis in the Wirtgen Group
- Compatibility with the first filling
- Optimum protection against wear
- Perfect protection against corrosion
- Traceability in the event of damage

Wirtgen Group lubricants consequently improve the performance and service life of your machines while at the same time durably cutting their running costs. The sensible way to save money!

One-stop supply

All Wirtgen Group machines – whether Wirtgen milling machine, Vögele paver or Hamm roller – can be filled and lubricated with the corresponding Wirtgen Group lubricant for each application.* Together with the carefully coordinated mixture of container sizes, this results in optimized ordering, storage and filling processes.

Accessories for filling and lubrication

Highly functional accessories "made in Germany", such as canister pumps and grease guns, are available to assist you in filling and lubricating your machines.

*Exceptions are indicated

420



Wirtgen Group Engine Oil 10W40

The smooth-running engine oil produced using modern synthesis technology with outstanding wear protection and cleaning characteristics is suitable for exhaust gas standards TIER 1, 2, 3 (EURO 3a). For excellent and safe operating properties. Enables longer maintenance intervals as approved by the engine manufacturer.

Container sizes: 5 l, 20 l, 208 l Classes: ACEA E7/E5, API CF

Manufacturers' standards: Daimler Chrysler

MB 228.5, Deutz DQC III-05

Wirtgen Group Engine Oil "Low SAPS" 10W30

Semi-synthetic "Low SAPS" engine oil (low sulphated ash, sulphur and phosphorous content) with fuel economy technology. Its low sulphate ash content ensures that burnt oil particles do not prematurely clog the particle filter for exhaust gas after-treatment.

Container sizes: 5 l, 20 l, 208 l

Exhaust gas standard: EPA/CARB Tier 4i,

EU-2004/26/EG Level IIIB Classes: ACEA E9/E7, API CJ-4

Manufacturers' standards: Deutz DQC III-10 LA, Caterpillar CAT ECF-3, Cummins CES

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20081, Daimler Chrysler MB 228.31





Wirtgen Group Hydraulic Oil HVLP 46

High-grade multi-range hydraulic oil with high viscosity index for optimum protection against wear, even in the most difficult service conditions. The new, improved specification ensures very long service intervals. Optimum cold starting properties are guaranteed.

Container sizes: 20 l, 208 l

Classes: DIN 51524 Part 3, Type HVLP

ISO 6743/4 HV

Wirtgen Group Gear Oil 85W90

Mineral gear oil of the latest generation for versatile use in gearboxes and axle drives. Stands out through maximum protection against wear and oxidation.

Container sizes: 5 l, 20 l, 208 l

Classes: API GL-5

Manufacturers' standards: Daimler Chrysler MB 235.0, ZF-TE-ML05A/07A/12A/16C/17B

Note: Must not be used for Wirtgen milling drum gearboxes, Hamm vibratory bearings and drum drives, as well as for Vögele pump splitter gearboxes and travel drives.

Wirtgen Group Special Gear Oil

Special all-synthetic high-performance gear oil for Hamm vibratory bearings and drum drives, as well as for Vögele pump splitter gearboxes and travel drives. Extremely resistant to pressure and temperature.

Container sizes: 5 I, 20 I, 208 I

Classes: API GL-5

Notes: Must not be mixed with mineral gear oil. Must not be used for Wirtgen milling drum gearboxes.

Wirtgen Group Friction and Roller Bearing Grease

Exclusive grease for lubricating rolling and plain bearings exposed to high temperatures in Vögele machines.

Container sizes: 400 g cartridge

Wirtgen Group Telescoping Tube Grease

Special high-performance grease based on silicone for use on Vögele telescoping tubes.

Container sizes: 100 g cartridge



ORIGINAL WIRTGEN GROUP ACCESSORIES FOR FILLING AND LUBRICATION

Oil pumps

Hand pump for 20 I canisters:

- Piston pump
- Delivery hose with spring-loaded spiral and anti-kink spring
- Non-drip spout with holder
- Foot valve

Lever-operated hand pump for 208 I barrels:

- Made of metal
- Telescoping intake tube
- Pivotable delivery manifold
- Delivery capacity: 0.2 l / stroke



Pressure sprays and grease guns

Pressure sprays:

- Made of metal
- Flexible hose
- Sizes: 500 g, 1000 g

Grease guns:

- Made of metal
- High pressure output
- Size: 400 g



Filling cans and funnels

Filling cans:

- Flexible spout
- Complete with lid
- Sizes: 1 I, 2 I, 5 I

Filling funnels:

- Transparent plastic material
- Complete with lid
- Diameter: 180 mm, 220 mm





Description	Container size	Part No.
	51	2112355
Wirtgen Group Engine Oil 10W40	201	2112354
	208	2219171
	51	2210320
Wirtgen Group Engine Oil "Low SAPS" 10W30	201	2210322
	208	2210323
Wirtgen Group Hydraulic Oil HVLP 46	201	2065028
Wirtgen Group Gear Oil 85W90	51	2065030
Wirtgen Group Special Gear Oil	51	1238051
wirtgen Group Special Geal Oil	201	2065037
Wirtgen Group Friction and Boller Rearing Grease	18 kg	2027868
Wirtgen Group Friction and Roller Bearing Grease	12 x 400 g	2086136
Wirtgen Group Telescoping Tube Grease	100 g	2086137
Wirtgen Group Low-Viscosity Grease	5 kg	2050152
Wirtgen Antifreezing Compound	51	2173022
Wingon Andressang Compound	201	2173023

Description	Part No.
Hand pump for 20 I canisters	2065044
Lever operated hand pump for 208 I barrels	2065045
Pressure sprays 500 g	2065046
Pressure sprays 1000 g	2065047
Lever operated hand grease gun 400 g	2065048
Grease gun 400 g	2065049
Filling can 1 I	2065041
Filling can 2 I	2065042
Filling can 5 I	2065043
Filling funnel 180 mm	2065039
Filling funnel 220 mm	2065040



HAMM AG COMPACTION AND A WHOLE LOT MORE



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HAMM-OSCILLATION: THE INNOVATIVE SOLUTION FOR ALL APPLICATIONS IN THE FIELD OF SOIL AND ASPHALT COMPACTION

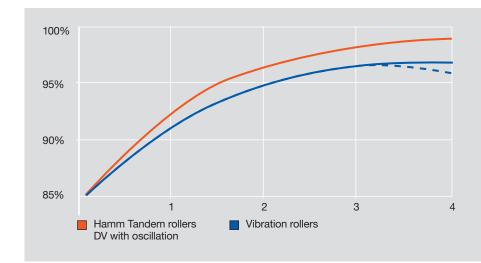
In the oscillation drum masses turning in the same direction, produce one moment around the drum axle. The moment changes its effect direction during a turn of the mass (forward and reverse), so that the oscillation drum movement is created. Here thrusts are introduced into the soil.

With oscillation clearly lower resonances are generated than with the vibration. Here only up to approx. 10% of the stresses in comparison to vibration are created. Oscillation rollers use their performance not to unintended vibration stimulation of the surrounding field, but introduce these specific there where the energy is needed.

On all bitumen job sites – from the smallest surface, bridges, multi-storey car parks up to highways – the oscillation shows its performance and clear advantages. The oscillating movement in combination with the permanent static load of the drum guarantee a fast increase of compaction together paired with very homogeneous compaction and good surface roughness. The sub base remains thereby preserved.



For earth compactors there is also the possibility for the oscillation compaction, here is the VIO drum used. In this drum both systems are combined, so that there can be selected between oscillation and vibration.



Quicker and continuous rise of compaction

The compaction degree rises continuously with the oscillation. With the vibration from a certain point there is a risk of loosening or even of grain destroying.

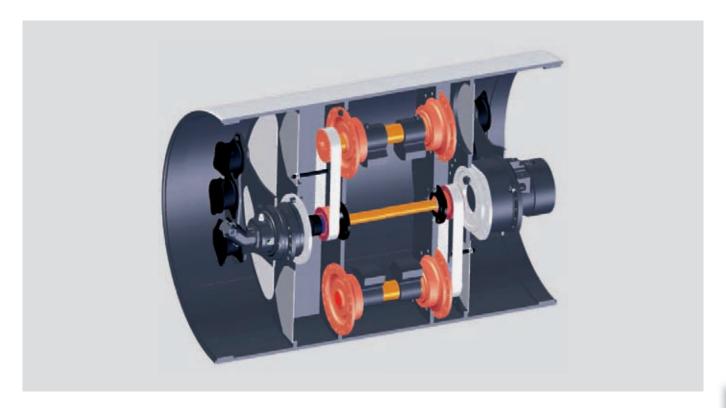
Not so with the oscillation. With each further pass the material rigidity still increases and this without any unwanted side effects.

This means striking compaction with higher qualtity.









Your advantages with oscillation

- No vibrations in the machine surrounding field
- Working in building areas, on bridges, within multi-storey car parks or other sensitive ranges becomes just now possible
- Higher temperature range, thereby more flexibility
- Better compaction results through fast and continuous rise of the compaction
- Immediate adjustment to changed structural conditions of the subgrade, without complex control mechanism
- No grain destroying by smooth compaction
- Good compaction on joints
- Good initial grip on the bitumen surface by a homogeneous compaction
- Oscillation turns rollers into all-round machines
- Faster compaction with better result







HCQ-NAVIGATOR — THE COST-EFFECTIVE SOLUTION FOR CONTINUOUS COMPACTION CONTROL DURING EARTHWORKS OR ASPHALTING

Continuous Compaction Control (CCC) has been the standard for many years in compaction. CCC supports the driver during compaction, which results in a more efficient, higher quality result.

The HCQ-Navigator has a display unit (panel PC) and a highly accurate DGPS receiver (e.g. differential signal via satellite or local ground station). The HCQ-Navigator couples all compaction information with the position of the roller and can therefore display important data graphically. This way, the roller driver can see at any time where the required compaction has been reached and where not.

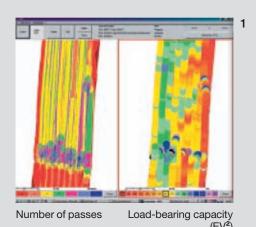
The compaction and position data are saved automatically by the system as soon as activated by the operator.

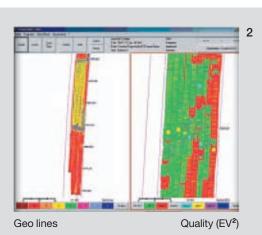
To keep the system as simple as possible, two different user interfaces are implemented: the standard mode and the extended mode. In the standard mode all the functions the machine driver needs for working with the HCQ-Navigator are available. The driver can display the most important information on the cab monitor. For improved orientation on the construction site, it is also possible to display digital planning data or geo lines.

In the extended mode, site managers or laboratory technicians can utilise all the features of the system, make the necessary basic settings and evaluate existing data. The panel PC can be operated using a touchscreen. For simple and reliable data exchange and project data backup a standard USB stick is used. On completion of the construction project, you can easily and reliably archive project data and generate reports and logs required by the client. It is possible to analyse the compaction data for each individual item of the construction project at any time.

Operator's screen

- On the operator's screen the operator reads the number of passes, the compaction and the compaction quality.
- 2 For easier orientation on the job site, stations can be loaded with their designations.











The compaction information displayed during the earthworks is based on the measured data from the HCQ Indicator and the position data for the roller. With this information, the following views can be generated:

- Number of passes
- HMV value (soil stiffness)
- Qualitative change in the soil stiffness
- HMV value or load bearing capacity: increasing, constant or dropping values
- Load bearing capacity (following calibration)



HCQ-Navigator – Asphalting

Unlike for earthworks, the information displayed for asphalting is based not just on the measured data from the HCQ Indicator (due to temperature and ground effects the asphalt stiffness is not reliable enough), but on a large number of related parameters.

For asphalting the following useful views can be generated:

- Passes by all rollers, including static rollers
- Asphalt temperature

Hamm machinery can be supplied with preparatory kits so that the display sets can be installed at any time as required.





ORIGINAL HAMM SMOOTH AND EARTHWORK TYRES

Today's compactors of Hamm reach highest climbing power in the toughest terrain. The tyres on the compactors are exposed to the highest loads. Therefore, the tyres are optimized for all operating conditions and guarantee safe traction and best handling.

Smooth tyres for asphalt works have been optimized together with our well-known suppliers and offer best compaction quality.

The smooth tyres are designed for highest machine weights and have a maximum load-bearing capacity.







Machine type	Smooth tyres		Earthwork tyres	
115 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0	Standard	380261		
HD 10 - 13 (H139)	Option	1270745		
HD 10 (H171)	Standard	1270745		
HD 12 (H171)	Standard	2080808		
	Standard	1270745		
HD 10 - 12 (H200)	Option	2080808		
HD 13 - 14 HD 14 TT	Standard	2172109		
HD 70 - 75	Standard	1209353		
HD 90 - 110	Option (Michelin)	329096		
HD+ 90 - 110	Option (Mitas)	2108260		
DV 3	Standard	342122		
DV 6.4	Standard	1209353		
DV 8.4	Standard	1209353		
DV 6.4 PVC DV 8.4 PVC DV 6 Super DV 8 Super	Option	329096		
DV 40		2043068		
DV 70 - 90	Standard	1209353		
DV 65 - 85	Option	329096		
2220	Орион	020000	Tractor tread	364193
			Diamond tread	2213630
2320			Tractor tread	355127
2420			Diamond tread	387851
2520				
2620			Tractor tread	342009
3010			Diamond tread	2213630
3010			Tractor tread	355127
4010			Diamond tread	387851
5011			Tractor tread	342009
3205			Tractor tread	364193
3203			Grooved tyres	2030936
3307			Diamond tread	2213630
3307			Tractor tread	355127
3410 - 3411			Diamond tread	387851
3412 - 3414			Tractor tread	342009
3516 - 3520			Diamond tread	387851
3310 - 3320			Tractor tread	342009
3625, H25i			Tractor tread	2129836
			Michelin - rock tyre with rim	886793
3410 - 3411 3412 - 3414	Option rock tyre		Michelin - rock tyre without rim	1289926
3516	Option rock tyre		Galaxy - rock tyre with rim	2077880
0010			Galaxy - rock tyre without rim	2071620
0540 0005			Michelin - rock tyre with rim	862878
3518 - 3625	Option rook time		Michelin - rock tyre without rim	1232975
H18i - H20i Option rock tyre H25i		Galaxy - rock tyre with rim	2068897	
0			Galaxy - rock tyre without rim	2068866
HD 150	Standard	1209353		
GRW 10 - 18	Option (Michelin)	329096		
GRW 280	Option (Mitas)	2108260		





ORIGINAL HAMM SCRAPERS FOR DRUMS AND TYRES

Original Hamm scrapers are wear-resistant and guarantee a safe cleaning of the drum and asphalt tyres.

In the daily site works, original Hamm scrapers ensure best asphalt and surface quality due to clean drum surfaces.

The scraper materials optimized by Hamm are wear-resistant at lowest operating costs.







Machine type	Model	Series range	Scraper for tyres
DV 3	H120	0001 - 9999	444871
DV 6.4	H143		
DV 6.4 PVC	H150		
DV 6 Super	H156	0001 0000	1400040
DV 8.4	H138	0001 - 9999	1406248
DV 8.4 PVC	H151		
DV 8 Super	H157		
DV 40	H154	0001 - 9999	1508148
DV 65	H197		
DV 70	H165, H191	0001 0000	1400040
DV 85	H198	0001 - 9999	1406248
DV 90	H166, H192		
HD 10 TV	H171	0001 - 9999	2085393
HD 12 TV	H171	0001 - 9999	2085390
HD 10 TV		0001 - 0945	2085393
HD 10 TV	11000	0946 - 9999	2091348
HD 12 TV	H200	0001 - 0945	2085390
HD 12 TV		0946 - 9999	2091348
HD 13 - 14 TV HD 14 TT	H172 H196	0001 - 9999	2076350 (Bridgestone)
HD 13 - 14 TV	H201	0001 - 0219	2076350
110 10 14 10	11201	0220 - 9999	2187115
HD 14 TT	H196	0001 - 9999	2076350
HD14 TT	H208	0001 - 0010	2076350
1101411	11200	0011 - 9999	2187115
HD 10 - 13	H139	0001 - 9999	444871 (Pirelli)
110 10 - 13	11109	0001 - 9999	1508148 (Condor)
HD 70	H152, H173, H187		
HD 75	11102,11170,11107	0001 - 9999	1406248
HD 90 - 110	H153, H174, H181	0001 - 3333	1400240
HD+ 90 - 110	H185		
HD 150 TT	H168, H183, H193	0001 - 9999	1406248
GBW 10 - 18	H114, H178, H190	0001 - 9999	Brushes 701041
GRW 10 - 18	11114,11170,11130	0001 - 3333	PVC 1406248
GRW 280	H195	0001 - 9999	Brushes 701041
GI 177 200	11190	0001 - 3333	PVC 2171169







ORIGINAL HAMM SCRAPERS FOR DRUMS AND TYRES

Machine type	Model	Scraper for smooth drum
2220	H127	468207
2320	H155	492280
2420	H141	486736
2520	H142	400700
2620	H144	499986
3010	H133	492280
4010	H134	492200
5011	H135	486736
3205	H158, H188	468207
3307		492280
3410 - 3411	H159, H189	492200
	H169, H179, H206	1400207
3412 - 3414	H160, H180, H214	1499327
3516	H161, H176, H215	1 100051
3518 - 3520	H161, H176, H215	1499351
H18i - H20i	H202	2161611
3625	H162, H177	1499351
H25i	H203	2161611
DV 3	H120	557048
DV 6.4	H143	421324
DV 6.4 PVC	H150	
DV 6 Super	H156	1466763
DV 8.4	H138	492280
DV 8.4 PVC	H151	
DV 8 Super	H157	407976
DV 40	H154	1414984
DV 70	H165, H191	1503987
DV 65	H197	1000001
DV 90	H166, H192	407976
DV 85	H198	407070
HD 8 VV	H170, H199	2033739
HD 10C VV	H170, H199	2031269
HD 10 VV, TV	H171, H200	2031269
HD 12 VV, TV	H171, H200	2069570
HD 13 VV, TV	H172, H201	2047124
HD 14 VV, TV	H172, H201	2034672
HD 10	H139	1414976
HD 12	H139	1414984
HD 13	H139	1433636
HD 70	11450 11470 11407	1466763
HD 75	H152, H173, H187	1461796
HD 90 - 110	H153, H174, H181	1461796
HD+ 90 - 110	H185	2129161
HD 120	11160 11175 11100	1504185
HD 130	H163, H175, H182	1473638
HD+ 120	11104	2056544
HD+ 140	H184	2092340
		557048 (front)
1,114,00	11400	422851 (rear - 650 wide)
HW 90	H123	434795 (rear - 610 wide)
		557374 (rear - 550 wide)









ORIGINAL HAMM RUBBER BUFFER AND STOP RUBBER BUFFER FOR DRUMS

In the daily site work, the original Hamm rubber buffers prevent that the high compaction capacities, produced by the vibration and oscillation drums, do not transfer the damaging resonances to the roller.

Original Hamm rubber buffers ensure that the torque of the drive is reliably transferred even under the hardest conditions.

Original Hamm rubber buffers offer optimum driving comfort for the operator, with minimum maintenance costs.







Machine type	Model	Series range NEW/old	Rubber buffer for drum
2220	H132	0001 - 9999 (00001 - 99999)	
2320	H155	0001 - 9999 (00001 - 41719) 0357 - 9999	
2420*, 2520, 2620	H141, H142, H144	(41718 - 99999) 0001 - 9999	
3010	H133	(00001 - 99999) 0014 - 9999 (35847 - 99999) 0204 - 9999	354082
4010	H134	(37953 - 99999) 0271 - 9999 (37973 - 99999)	
5011	H135	0001 - 9999 (00001 - 99999)	
3205, 3307, 3410 - 3411	H158, H188 H159, H189, H169, H179	0001 - 9999 (00001 - 99999)	1487116
	H160	0001 - 1039	1487116
3412 - 3414	H100	1040 - 9999	1524771
	H180, H214	0001 - 9999	1524771
3516	H161	0001 - 0538 (43553 - 99999)	1487116
		0539 - 9999	1524771
0540, 0500	H176	0001 - 9999 0001 - 0538 (43553 - 99999)	1487116
3518, 3520	H176, H215	0539 - 9999 0001 - 9999	1524771
H18i - H20i	H202	0001 - 9999	1524771
2005	H162	0001 - 0052 (00001 - 99999)	1487116
3625		0053 - 9999	1524771
	H177	0001 - 9999	1524771
H25i	H203	0001 - 9999	1524771
DV 3	H120	0001 - 9999 (00001 - 99999)	324353
DV 6.4, DV 6.4 PVC, DV 6 Super DV 8.4, DV 8.4 PVC, DV 8 Super	H143, H150, H156, H138, H151, H157	0001 - 9999 (00001 - 99999)	354082
DV 40, DV 70, DV 90	H164, H165, H166, H191, H192	0001 - 9999	1487116
DV 65 , DV 85	H197, H198	0004 0000	0000004
HD 8 VV, HD 10C VV	H170, H199	0001 - 9999	2029281
HD 10 - 12	H171, H200	0001 - 9999	2029281
HD 13 - 14	H172, H201	0001 - 9999 0001 - 9999	1487116
HD 10 - 13	H139	(00001 - 99999)	324353
HD 70 - 75 HD 90 - 110 HD 120 - 130	H152, H173, H153, H163, H174, H181, H175, H182, H187	0001 - 9999 (00001 - 99999)	354082
HD+ 90 - 110	H185	0001 - 9999	1487116
HD+ 120 - 140	H184	0001 - 9999	1524771

^{*} Valid with drum drive only



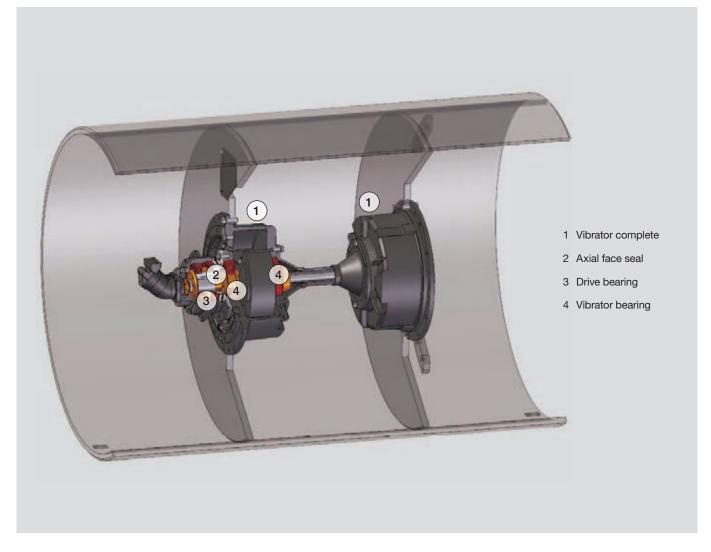


ORIGINAL HAMM DRUM COMPONENTS



The Hamm vibration and oscillation roller drums stand for highest compaction capacity. The exactly coordinated Hamm genuine stock parts as well as roller drums from highly wear resistant steels offer maximum life at minimal maintenance costs. The maximum compaction capacity together with the low maintenance costs guarantee lowest operating costs of the machine. The excellent accessibility reduces the stop period of the roller in case of maintenance.







ORIGINAL HAMM ROLLER DRUMS FOR TANDEM ROLLERS



				Empty drum				
Machine		Series range	Wassala sa	Vibration			Oscillation	
type	Model	NEW/old	Version	Drum	Drum half left	Drum half right	Oscillation drum	
DV 3	H120	0001 - 1472 (28792 - 61694)	DV 3 DV 3 H	768243 776343				
DV 6.4	H143	0001 - 0197 (36457 - 40434)			819026	819034	819662	
DV 6.4 PVC	H150	0001 - 0193 (40398 - 44914)			019020	019004	019002	
DV 6 Super	H156	0001 - 0325 (43442 - 61316)			856215	856118	853216	
DV 8.4	H138	0001 - 0422 (34677 - 40435)						
DV 8.4 PVC	H151	0001 - 0208 (40401 - 44754)			798576	798584	844012	
DV 8 Super	H157	0001 - 0410 (43483 - 61295)						
DV 40	H164	0001 - 9999		889156				
DV 70 DV 65	H165, H191, H197	0001 - 9999			895458	895431	890162	
DV 90 DV 85	H166, H192, H198	0001 - 9999			890022	890030	890138	
HD 8 - 10	H170, H199	0001 - 9999	HD 8 VV HD 10C VV	2029583 2033886				
HD 10 - 12	H171, H200	0001 - 9999	HD 10 HD 12	2049429 2049431				
HD 13 - 14	H172, H201	0001 - 9999	HD 13 HD 14	2043636 2029806				
HD 10 - 13	H139	0001 - 9999 (35845 - 99999)	HD 10 HD 12 HD 13	859796 859710 859818				
HD 70 - 75	H152, H173, H187	0001 - 9999 (41527 - 99999)	HD 70 HD 75	848131 848212	856215 853348	856118 853178	853216 853232	
HD 90 - 110	H153, H174, H181	0001 - 9999 (40961 - 99999)	HD 90 HD 110	844225 845582	798576	798584	844012	
HD+ 90 - 110	H185	0001 - 9999	HD+ 90 HD+ 110	2059709 2059842	890022	890030	890138	
HD 120 - 130	H163, H175, H182 H175, H182	0001 - 9999 (42546 - 99999) 0001 - 9999	HD 120 HD 130 HD 120	1706292 857017			2025550	
HD+ 120 - 140	H182 H184	0001 - 9999 0001 - 9999	HD 130 HD+ 120 HD+ 140	2103598 2115039			2083940 2052013 2052014	
HW 90	H123	0001 - 9999 (30218 - 99999)	front 8 t / 10 t 12 t rear 550 mm - 8 t / 10 t 550 mm - 12 t 610 mm - 8 t / 10 t 650 mm - 8 t / 10 t	780030 780685 780022 780677 780839 780820				





ORIGINAL HAMM ROLLER DRUMS FOR COMPACTORS

			Empty drum					
Machine type	Model	Series range	Vibration		Oscillation/VIO			
Machine type	Model	NEW/old	Smooth drum	Padfoot drum	Oscillation drum	VIO-drum		
2220	H132	0001 - 0099 (41222 - 47120)	791806	847054				
2320	H155	0001 - 0551 (31152 - 45480)	802255	805130	792802			
2420	H141	0001 - 2052 (35132 - 61165)	803103	803502				
2520	H142	0001 - 0575 (35313 - 60214)	849278	849812				
2620	H144	0001 - 0163 (35414 - 60207)	849278	849812				
3010	H133	0001 - 0513 (34444 - 44956)	805017	805130		844470		
4010	H134	0001 - 0606 (34110 - 45300)	803103	803502	828963			
5011	H135	0001 - 0031 (36336 - 44335)	820113					
3205	H158	0001 - 9999	864188	864803				
3203	H188	(44915 - 99999)	2058489	2058491				
3307	H159 H189	0001 - 9999 (44041 - 99999)	864161	864595		873047		
	H169		873861	873888				
3410 - 3411	H179 H206	0001 - 9999 (61361 - 99999)	2058518	2058519				
	H160		857300	864471				
3412 - 3414	H180 H214	0001 - 9999 (43462 - 99999)	2141540	2141542		873128		
	H161	0004 0000	857300	864471				
3516	H176 H215	0001 - 9999 (43553 - 99999)	2141540	2141542				
	H161		857475	864498				
3518 - 3520	H176 H215	0001 - 9999 (43553 - 99999)	2058532	2058533				
H18i - H20i	H202	0001 - 9999	2075864	2075901				
3625	H162 H177	0001 - 9999 (44308 - 99999)	857475					
H25i	H203	0001 - 9999	2075864					











ORIGINAL HAMM DRIVE BEARINGS

			Bearings	and seal	ing kits					
			Live ring		Drive bearing				Seals	
Machine type	Model	del Series range NEW/old	Drum	Steering	Vibration	drum	VIO/ Oscillatio	n drum	Shaft seal	Friction ring seal
					outside	inside	outside	inside		
2220	H132	0001 - 0099 (41222 - 47120)			288241	288268			280402	
2320	H155	0001 - 0551 (31152 - 45480)			288241	288268			280402*	383260**
2420	H141	0001 - 2052 (35132 - 61165)			370665	288268				383260
2520	H142	0001 - 0575 (35313 - 60214)			386367					383260
2620	H144	0001 - 0163 (35414 - 60207)			386367					383260
3010	H133	0001 - 0513 (34444 - 44956)			370665	288268				383260
4010	H134	0001 - 0606 (34110 - 45300)			370665	288268				383260
5011	H135	0001 - 0031 (36336 - 44335)			386367					383260
3205	H158, H188	0001 - 9999 (44915 - 99999)			370665	288268				383260
3307	H159, H189	0001 - 9999 (44041 - 99999)			370665	288268	370665	288268		383260
3410 - 3411	H169, H179, H206	0001 - 9999 (61361 - 99999)			370665	288268				383260
3412 - 3414	H160, H180, H214	0001 - 9999 (43462 - 99999)			370665	288268	1270591	1270583		383260
3516	H161, H176, H215	0001 - 9999 (43553 - 99999)			370665	288268				383260
3518 - 3520	H161, H176, H215	0001 - 9999 (43553 - 99999)			386367					383260
H18i - H20i	H202	0001 - 9999			386367					383260
3625	H162, H177	0001 - 9999 (44308 - 99999)								383260
H25i	H203	0001 - 9999			386367					383260

^{*} Smooth drum $\,\cdot\,$ ** Padfoot drum







			Bearings	s and seal	ing kits					
			Live ring		Drive bearing				Seals	
Machine type	Model	Series range NEW/old	Drum	Steering	Vibration	drum	VIO/ Oscillatio	n drum	Shaft seal	Friction ring seal
					outside	inside	outside	inside		Coal
DV 6.4	H143	0001 - 0197 (36457 - 40434)	397598	296309						
DV 6.4 PVC	H150	0001 - 0193 (40398 - 44914)	397598	296309						
DV 6 Super	H156	0001 - 0325 (43442 - 61316)	397598	296309						
DV 8.4	H138	0001 - 0422 (34677 - 40435)	365262	281905						
DV 8.4 PVC	H151	0001 - 0208 (40401 - 44754)	365262	281905			288241	288268		
DV 8 Super	H157	0001 - 0410 (43483 - 61295)	365262	281905			288241	288268		
DV 40	H164	0001 - 9999		1296442						
DV 70 DV 65	H165, H191, H197	0001 - 9999	397598	296309			288241	288268	280402	
DV 90 DV 85	H166, H192, H198	0001 - 9999	365262	281905			288241	288268	280402	
HD 10 - 13	H139	0001 - 9999 (35845 - 99999)			208353					
HD 10 - 12	H171, H200				208353					
HD 70 - 75	H152, H173, H187	0001 - 9999 (41527 - 99999)			288241	288268			280402	
HD 90 - 110	H153, H174, H181	0001 - 9999 (40961 - 99999)			288241	288268	200241	200260	280402	
HD+ 90 - 110	H185	0001 - 9999			370665	288268	288241	288268	280402 (Oscillation)	383260 (Vibration)
LID 100 100	H163, H175	0001 - 9999 (42546 - 99999)			288241	288268	1070500	1270591	280402	383260 (Vibration)
HD 120 - 130	H182	0001 - 9999			370665	288268	1270583		280402	1270540 (Oscillation)
HD+ 120 - 140	H184	0001 - 9999			370665	288268	370665	288268		383260







ORIGINAL HAMM VIBRATORS

				Vibrator				
Machine type	Model	Series range NEW/old	Version	Vibrator o	Vibrator complete		Cylindrical	roller bearing
.,,,,,		112117 010		left	right	VIO	Vibration	Oscillation/VIO
2220	H132	0001 - 0099 (41222 - 47120)					348732	
2320	H155	0001 - 0551 (31152 - 45480)		844160			336009	348732
2420	H141	0001 - 2052 (35132 - 61165)		820423	820431		336009	
2520	H142	0001 - 0575 (35313 - 60214)		820636	820644		362174	
2620	H144	0001 - 0163 (35414 - 60207)		824097	824100		362174	
3010	H133	0001 - 0513 (34444 - 44956)		844160		897000	336009	397539
4010	H134	0001 - 0606 (34110 - 45300)		844136	844144		336009	362174
5011	H135	0001 - 0031 (36336 - 44335)		824119	824127		362174	
3205	H158, H188	0001 - 9999 (44915 - 99999)					348732	
3307	H159, H189	0001 - 9999 (44041 - 99999)				2039863	336009	397539
3410 - 3411	H169, H179	0001 - 9999 (61361 - 99999)		820423	820431		336009	
3412 - 3414	H160, H180, H214	0001 - 9999 (43462 - 99999)		865915	865923	2032130	336009	1269976
3516	H161, H176, H215	0001 - 9999 (43553 - 99999)		865915	865923		336009	
3518 - 3520	H161, H176, H215	0001 - 9999 (43553 - 99999)		866075	866083		362174	
H18i - H20i	H202	0001 - 9999		866075	866083		362174	
3625	H162, H177	0001 - 9999 (44308 - 99999)		864706	866083		362174	
H25i	H203	0001 - 9999		864706	866083		362174	





				Vibrator				
Machine type	Model	Series range NEW/old	Version	Vibrator o	complete		Cylindrical	roller bearing
туре		NEW/OIG		left	right	VIO	Vibration	Oscillation/VIO
DV 3	H120	0001 - 1472 (28792 - 61694)					327964	
DV 6.4	H143	0001 - 0197 (36457 - 40434)					397539	
DV 6.4 PVC	H150	0001 - 0193 (40398 - 44914)						
DV 6 Super	H156	0001 - 0325 (43442 - 61316)						
DV 8.4	H138	0001 - 0422 (34677 - 40435)		827266	827274		381829	397539
DV 8.4 PVC	H151	0001 - 0208 (40401 - 44754)		827266	827274		381829	397539
DV 8 Super	H157	0001 - 0410 (43483 - 61295)		827266	827274		381829	397539
DV 40	H164	0001 - 9999					381829	
DV 70 DV 65	H165, H191, H197	0001 - 9999					397539	397539
DV 90 DV 85	H166, H192, H198	0001 - 9999					1291386	397539
HD 8 VV	H170, H199	0001 - 9999					1302809	
HD 10C VV	H170, H199	0001 - 9999					1302809	
HD 10 - 12	H171, H200	0001 - 9999					2067405	
HD 13 - 14	H172, H201	0001 - 9999					2031368	
110.40.40	11400	0001 - 9999	HD 10 - 12				355011	
HD 10 - 13	H139	(35845 - 99999)	HD 13				327964	
LID 70 75	11450 11470 11407	0001 - 9999	Standard				348732	007500
HD 70 - 75	H152, H173, H187	(41527 - 99999)	Divided drum				397539	397539
			Standard				348732	007500
HD 90 - 110	H153, H174, H181	0001 - 9999 (40961 - 99999)	Divided drum	853534	853356		381829	397539
	11101	(40001 00000)	HD 110				336009	
			Standard				348732	
HD+ 90 - 110	HD+ 90 - 110 H185	0001 - 9999	Divided drum				1291386	397539
			HD 110				336009	
HD 120 - 130	H163, H175	0001 - 9999 (42546 - 99999)		849707	849693		336009	
110 120 - 100	H182	0001 - 9999	HD 120	1706365	1706357		000000	1291386
	11102	0001 - 3333	HD 130	849707	849693			
HD+ 120 - 140	H184	0001 - 9999	HD+ 120 - 140				2060198	







ORIGINAL HAMM SPRINKLING PARTS

Original Hamm parts for sprinkling guarantee the reliable water distribution on the drums of asphalt rollers.

The Hamm sprinkling system for asphalt machines has been optimized for the application on most difficult paving and is extremely water-saving. The complete sprinkling system is designed for optimum reliability.







Maalaina tawa	Madal	Series range	Water sprinkling	
Machine type	Model	NEW/old	Description	Part No.
			Water filter complete	274097
			Filter element	280283
			Spare glass	293598
DV 3	H120	0001 - 9999 (00001 - 99999)	Sealing ring for spare glass	293717
		(00001 - 99999)	Water pump	851124
		Spray nozzle	200425	
			Sprinkler nozzle (tyre side)	352594
			Water filter complete	813249
			Filter element	386596
			Felt seal for filter element	392731
		0763 - 9999 (34844 - 99999)	Spare glass	878685
DV 6.22	H118		O-rings for spare glass	392758
			Union nut	390313
			Water pump	851124
			Spray nozzle	200425
			Spray nozzle additive sprinkling	352594
			Water filter complete	842397
			Filter element	386596
			Felt seal for filter element	392731
			Spare glass	878685
			O-rings for spare glass	392758
			Union nut	390313
			Water pump	851124
OV 6.4,	H143,	0001 - 9999	Sprinkler nozzle complete vibration drum	2027825
DV 6.4 PVC, DV 6 Super	H150, H156	(00001 - 99999)	Sprinkler nozzle complete oscillation drum	2027844
			Adapter for hose coupling	2029231
			Hose coupling	2031621
			Hose coupling complete	2035493
			Pipe clamp (additive sprinkling)	1212265
			Mesh (additive sprinkling)	1212281
			Spray nozzle (additive sprinkling)	1212257
			Union nut (additive sprinkling)	1212273
			Water filter complete	813249
			Filter element	386596
OV 8.4	H138	0001 - 0281	Felt seal for filter element	392731
		(34677 - 37862)	Spare glass	878685
			O-rings for spare glass	392758



ORIGINAL HAMM SPRINKLING PARTS

Marshin a box	Maria	Series range	Water sprinkling	
Machine type	Model	NEW/old	Description	Part No.
			Union nut	390313
		0001 - 0281 (34677 - 37862)	Water pump	851124
		(* * * * * * * * * * * * * * * * * * *	Spray nozzle additive sprinkling	352594
		0001 - 0070 (00001 - 35313)	Spray nozzle	200425
		0072 - 9999 (35314 - 99999)	Spray nozzle	394297
			Water filter complete	813249
			Filter element	386596
DV 8.4	H138		Felt seal for filter element	392731
			Spare glass	878685
			O-rings for spare glass	392758
		0282 - 9999 (37863 - 40400)	Union nut	390313
		(37 003 - 40400)	Water pump	851124
			Nozzle holder	1212265
			Nut	1212273
			Sieving filter	1212281
			Spray nozzle (water and additive sprinkling)	1212257
			Water filter complete	842397
			Filter element	386596
			Felt seal for filter element	392731
			Spare glass	878685
			O-rings for spare glass	392758
			Union nut	390313
DV 8.4 PVC,	H151,	0001 - 9999	Water pump	851124
DV 8 Super	H157	(00001 - 99999)	Sprinkler nozzle complete, Vibration drum	2027825
			Sprinkler nozzle complete, Oscillation drum	2027844
			Adapter for hose coupling	2029231
			Hose coupling	2031621
			Hose coupling complete	2035493
			Pipe clamp (additive sprinkling)	1212265
			Spray nozzle (additive sprinkling)	1212257
			Water filter complete	813249
			Filter element	386596
DV 46			Felt seal for filter element	392731
DV 40, DV 70,	H164, H165,		Spare glass	878685
DV 90,	H166, H191, H192, H197,	0001 - 9999	O-rings for spare glass	392758
DV 65, DV 85	H198		Union nut	390313
DV 03			Water pump	851124
			Sprinkler nozzle complete, Vibration drum	2027825
			Sprinkler nozzle complete, Oscillation drum DV 70 - 90	2027844







Machine type	Model	odel Series range NEW/old	Water sprinkling				
wacrime type	Model		Description	Part No.			
			Nozzle holder	1232770			
			Sieving filter not DV 40	2028603			
			Sieving filter DV 40	1212281			
DV 40, DV 70,	H164, H165,		Spray nozzle	1232762			
DV 90,	H166, H191, H192, H197,	0001 - 9999	Spray nozzle not DV 40	2028605			
DV 65, DV 85	H198		Nut	1212273			
5V 05			Adapter for hose coupling DV 70 - 90	2029231			
			Hose coupling DV 70 - 90	2031621			
		Hose coupling complete DV 70 - 90	2035493				
			Water filter	2033909			
			O-rings for water filter	2035815			
HD 8 VV, HD 10C VV	H170, H199	0001 - 9999	O-rings for water filter	2035816			
100 00	11100		Water pump	851124			
			Spray nozzle	1232762			
			Water filter	2033909			
HD 10 - 12 H171,		O-rings for water filter	2035815				
	H171, H200	0001 - 9999	O-rings for water filter	2035816			
	11200		Water pump	851124			
			Spray nozzle	1232762			
			Water filter	2033909			
			O-rings for water filter	2035815			
HD 13 - 14, HD 14 TT	H172, H201, H196, H208		O-rings for water filter	2035816			
10 14 11	11190,11200		Water pump	851124			
			Spray nozzle	1232762			
			Water filter complete	823112			
			Filter element	386596			
			Felt seal for filter element	392731			
		0001 - 1485	Spare glass	1428683			
		(36437 - 42934)	O-rings for spare glass	392758			
			Union nut	390313			
			Water pump	851124			
ID 10 10	11400		Spray nozzle	394297			
HD 10 - 13	H139		Water filter complete	842397			
			Filter element	386596			
			Felt seal for filter element	392731			
		1486 - 9999	Spare glass	878685			
		(42935 - 99999)	O-rings for spare glass	392758			
			Union nut	390313			
			Water pump	851124			
			Spray nozzle	394297			

ORIGINAL HAMM SPRINKLING PARTS

Marshin a boss	Madal	Series range NEW/old	Water sprinkling		
Machine type	Model		Description	Part No.	
			Water filter complete	842397	
			Filter element	386596	
			Felt seal for filter element	392731	
			Spare glass	878685	
			O-rings for spare glass	392758	
HD 70 - 75, HD 90 - 110,	H152, H153,	0001 - 9999	Union nut	390313	
HD 120 - 130, HD 150 TT	H163, H168	(00001 - 99999)	Water pump	851124	
			Spray nozzle complete, Vibration drum	2027825	
			Spray nozzle complete, Oscillation drum	2027844	
			Adapter for hose coupling	2029231	
			Hose coupling	2031621	
			Hose coupling complete	2035493	
HD 70 - 75, HD 90 - 110, HD 120 - 130, HD 150 TT	H173, H174, H181, H182, H183, H187, H193	0001 - 9999	Water filter complete	813249	
			Water filter	2033909	
			O-rings for water filter	2035815	
			O-rings for water filter	2035816	
			Water pump	851124	
			Spray nozzle complete, Vibration drum	2027825	
HD+ 120 -140,	H184,	0001 - 9999	Spray nozzle complete, Oscillation drum	2027844	
HD+ 90 - 110	H185	0001 - 9999	Adapter for hose coupling	2029231	
			Hose coupling	2031621	
			Hose coupling complete	2035493	
			Spray nozzle	1232762	
			Sieving filter	1212281	
			Nozzle holder	1232770	







Marshine Love	Marilal	Series range NEW/old	Water sprinkling		
Machine type	Model		Description	Part No.	
			Water filter complete	274097	
		Filter element	280283		
GRW 10 - 18	H114	0993 - 9999 (42394 - 99999)	O-ring	293717	
		(42004 00000)	Spare glass	293598	
			Spray nozzle	394297	
			Water filter complete	813249	
			Filter element	386596	
ODW 40 04	H178,	0004 0000	Felt seal	392731	
GRW 10 - 24	H190	0001 - 9999	Spare glass	878685	
			Union nut	390313	
			Spray nozzle	2045333	
			Water filter	2033909	
			O-rings for water filter	2035815	
			O-rings for water filter	2035816	
		0001 - 9999	Water pump	851124	
GRW 280	H195		Adapter for hose coupling	2039231	
GRW 200	птээ		Hose coupling	2031621	
			Hose coupling complete	2035493	
			Spray nozzle	1232762	
			Sieving filter	1212281	
			Nozzle holder	1232770	
			Water filter complete	274097	
			Filter element	280283	
			O-ring	293717	
		0522 - 1034	Spare glass	293598	
			Spray nozzle	1212257	
			Sieving filter	1212281	
			Water pump	851124	
HW 90	H123		Water filter complete	813249	
1100 90	11120		Filter element	386596	
			O-ring	392731	
			Spare glass	878685	
		1035 - 9999	O-rings for spare glass	392758	
			Union nut	390313	
			Spray nozzle	1212257	
			Sieving filter	1212281	
			Water pump	851124	

ORIGINAL HAMM ENGINE ATTACHMENT PARTS

Original Hamm alternators guarantee safe power supply for the on-board electrical system and ensure reliable operation of the Hamm rollers.

Original Hamm starters assure safe starting of the machines even under the hardest climatic conditions worldwide.









Machine type	Model	Series range NEW/old	Alternator	Starter	
2220	H132	0001 - 9999 (41222 - 99999)			
2320	H155	0357 - 9999 (41718 - 99999)			
2420	H141	0288 - 9999 (37813 - 99999)	277797	396370	
2520	H142	0064 - 9999 (37803 - 99999)			
2620	H144	0015 - 9999 (37810 - 99999)			
3010	H133	0204 - 9999 (37953 - 99999)	1000710		
4010	H134	0271 - 9999 (37973 - 99999)	1200712	327271	
5011	H135	0007 - 9999 (37761 - 99999)	392740		
2005	H158	0001 - 9999 (43462 - 99999)	1243713		
3205	H188	0001 - 9999	2033797		
	H159	0001 - 0462	1243713	1285858	
3307		0463 - 9999	2033797		
	H189	0001 - 9999	2033/9/		
	H169	0001 - 9999		1269844	
	H179	0001 - 1193	1294768	2043678	
	П179	1194 - 9999		2142471	
3410 - 3411	H206	0001 - 0014	2132045	1269844	
	H200	0015 - 9999	2132043	2142471	
	Haco	0001 - 0237	1204769	1269844	
	H269	0238 - 9999	1294768	2142471	
	H160	0018 - 0457	1243713	1260844	
	11100	0458 - 9999	1294768	1269844	
3412 - 3414	H180	0001 - 1341	1294768	2043678	
	11700	1342 - 9999	1234100	2142471	
	H214	0001 - 9999	2132045	2142474	

ORIGINAL HAMM ENGINE ATTACHMENT PARTS

Machine type	Model	Series range NEW/old	Alternator	Starter	
		0001 - 0296 (43553 - 50683)	1243713		
	H161	0297 - 9999 (50764 - 99999)	1294768	1269844	
3516 - 3520	H176	0001 - 1246	1294768	2043678	
	11176	1247 - 9999	1294700	2142471	
	H215	0001 - 9999	2132045	2142471	
H18i - H20i	H202	0001 - 9999	2196974	2196976	
	H162	0002 - 9999	1243713	1269844	
3625	11477	0001 - 0057	1004700	2043678	
	H177	0058 - 9999	1294768	2142471	
H25i	H203	0001 - 9999	2196974	2196976	
DV 3	H120	0001 - 9999 (28792 - 99999)	340936	340928	
DV 6.4, DV 6.4 PVC, DV 6 Super	H143, H150, H156	0001 - 9999 (36457 - 99999)	1217445	1214209	
DV 8.4, DV 8.4 PVC, DV 8 Super	H138, H151, H157	0001 - 9999 (34677 - 99999)	277797	396370	
DV 40	H164	0001 - 9999	1302051	1302043	
DV 70, DV 90,	H165, H166	0001 - 9999	895563	1269844	
DV 65, DV 85	H191, H197, H192, H198	0001 - 9999	1300474	1269844	
HD 8 VV,	H170	0001 - 9999	2041965	2041967	
HD 10C VV	H199	0001 - 9999	2143480	2143104	
UD 40 40	H171	0001 - 9999	2041965	1302043	
HD 10 - 12	H200	0001 - 9999	2142888	2143137	
110.40	H172	0001 - 9999	2041965	1302043	
HD 13 - 14	H201	0001 - 9999	2142888	2142886	
UD 14 TT	H196	0001 - 9999	2041965	1302043	
HD 14 TT	H208	0001 - 9999	2142888	2142886	
UD 10 10	11120	1486 - 3621 (42935 - 61497)	1238515	398462	
HD 10 - 13	H139	3622 - 9999 (61498 - 99999)	1238515	1285858	







Machine type	Model	Series range NEW/old	Alternator	Starter
	H152	0001 - 0288 (41527 - 46542) 0289 - 0668 (46704 - 61497)	277797	1214209
HD 70 - 75		0669 - 9999 (61572 - 99999)	1243713	
	H173	0001 - 9999	2033797	1285858
	H187	0001 - 9999	2000.01	
	H153	0001 - 0924 (40961 - 50612)	277797	396370
	11133	0925 - 9999 (60175 - 99999)	1243713	1269844
HD 90 - 110	H174	0001 - 9999	1294768	1269844
	H181	0001 - 1397	1294768	2043678
	ПІОІ	1398 - 9999	1294700	2142471
HD+ 90 - 110	H185	0001 - 9999	1294768	2142471
HD 120 - 130	H163	0184 - 9999 (60170-9999)	1243713	1269844
ND 120 - 130	H182	0001 - 9999	1294768	2043678
HD+ 120 - 140	H184	0001 - 0076	1294768	2043678
ND+ 120 - 140		0077 - 9999	1294700	2142471
		0002 - 0013 (50177 - 50633)	277797	396370
HD 150 TT	H168	0014 - 0049	277797	1269844
130 11		0050 - 9999	1294768	1269844
	H183, H193	0001 - 9999	1294768	1269844
GRW 10 - 18 (Cummins)	H114	0693 - 0992 (37492 - 41877)	1210300	1210327
GRW 10 - 18 (Deutz 1013)	H114	0993 - 1678 (42394 - 50518)	277797	396370
GRW 10 - 18 (Deutz 2012)	H114	1679 - 9999 (50444 - 99999)	1294830	1269844
GRW 10 - 18 (Deutz 2012)	H178	0001 - 9999	1294830	1269844
GRW 10 - 24 (TCD 2012)	H190	0001 - 9999	1294830	1269844
GRW 280	H195	0001 - 9999	2132045	1269844
HW 00	Ш100	0522 - 0861	1234978	1214209
HW 90	H123	0862 - 9999	1301500	1285858

ORIGINAL HAMM WINDSCREEN WIPERS

The original Hamm windscreen wiper system is optimised for the modern cab concept of the Hamm rollers. Genuine Hamm windscreen wipers guarantee best all-round-view even under the most difficult weather conditions.

The original Hamm windscreen wiper system is reliable and service reduced. The used rubber parts for the wipers are optimized for the application on sites throughout the world.







Markington	Madal	Series range	Windscreen wipers, wiper arms and wiper blades		
Machine type	Model	NEW/old	Front	Rear	
2220	H132	0001 - 9999 (41693 - 99999)			
2320	H155	0357 - 9999 (41718 - 99999)			
2420	H141	0863 - 9999 (40936 - 99999)	Wiper motor: 1240706 Wiper arms: 384666 Wiper blade: 384674	Wiper motor: 1240633 Wiper arms: 386006 Wiper blade: 385999	
2520	H142	0149 - 9999 (41262 - 99999)			
2620	H144	0069 - 9999 (41067 - 99999)			
2420	H141	0288 - 0862 (37813 - 40935)			
2520	H142	0064 - 0148 (37803 - 41261)	Wiper motor: 399353 Wiper arms: 384666 Wiper blade: 384674	Wiper motor: 399345 Wiper arms: 386006 Wiper blade: 385999	
2620	H144	0015 - 0068 (37810 - 41066)			
3010	H133	0204 - 0363 (37953 - 40525)			
4010	H134	0271 - 0394 (37973 - 40521)	Wiper motor: 384658 Wiper arms: 384666 Wiper blade: 384674	Wiper motor: 385972 Wiper arms: 386006 Wiper blade: 385999	
5011	H135	0007 - 0024 (37761 - 40725)		,	
3010	H133	0364 - 9999 (40526 - 99999)			
4010	H134	0395 - 9999 (40522 - 99999)	Wiper motor: 1240692 Wiper arms: 384666 Wiper blade: 384674	Wiper motor: 1240722 Wiper arms: 386006 Wiper blade: 385999	
5011	H135	0025 - 9999 (40726 - 99999)			
3205, 3307 3410-3411 3412-3414 3516-3520 3625	H158 H159 H169 H160 H161 H162	0001 - 9999	Wiper motor: 1270036 Wiper arms: 1272152 Wiper blade: 1272187	Wiper motor: 1270044 Wiper arms: 1272179 Wiper blade: 1272160	



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ORIGINAL HAMM WINDSCREEN WIPERS

		Series range	Windscreen wipers, wiper arms and wiper blades		
Machine type	Model	NEW/old	Front	Rear	
3205	H188	0001 - 0052			
3307	H189	0001 - 0246			
3410-3411	H179	0001 - 1206	Wiper motor: 1270036	Wiper motor: 1270044	
3412-3414	H180	0001 - 1346	Wiper arms: 1272152 Wiper blade: 1272187	Wiper arms: 2073692 Wiper blade: 2073691	
3516-3520	H176	0001 - 1501			
3625	H177	0001 - 0058			
3205	H188	0053 - 9999			
3307	H189	0247 - 9999			
3410-3411	H179, H206	1207 - 9999			
3410-4311	H206	0001 - 9999			
3412-3414	H180	1347 - 9999	Wiper motor: 2187419 Wiper arms: 2187241 Wiper blade: 1272187	Wiper motor: 2187516 Wiper arms: 2073692 Wiper blade: 2073691	
3412-3414	H214	0001 - 9999			
3516-3520	H176	1502 - 9999			
3516-3520	H215	0001 - 9999			
3625	H177	0059 - 9999			
DV 3	H120	0001 - 9999 (28792 - 99999)	Wiper motor: 356956 Wiper arms: 356964 Wiper blade: 385999		
DV 6.4	H143				
DV 8.4	H138	0001 - 9999	Wiper motor: 385948 Wiper arms: 385980	Wiper motor: 385964	
DV 6.4 PVC	H150	(00001 - 99999)	Wiper arms: 385980 Wiper blade: 385999	Wiper arms: 385980 Wiper blade: 385999	
DV 8.4 PVC	H151				







Markingham	Madal	Series range	Windscreen wipers, wiper arms and wiper blades		
Machine type	Model	NEW/old	Front	Rear	
DV 6 Super	H156	0001 - 9999	Wiper motor: 1261185	Wiper motor: 1261185	
DV 8 Super	H157	(00001 - 99999)	Wiper arms: 1260065 Wiper blade: 1260073	Wiper arms: 1260065 Wiper blade: 1260073	
DV 40	H164	0001 - 9999	Wiper motor: 2035435 Wiper arms: 2035437 Wiper blade: 2035438	Wiper motor: 2035435 Wiper arms: 2035437 Wiper blade: 2035438	
DV 70	H165, H191				
DV 65	H197	0001 - 9999	Wiper motor: 2034533 Wiper arms: 2035371	Wiper motor: 2034533 Wiper arms: 2035371	
DV 90	H166, H192	0001 - 9999	Wiper blade: 2035371	Wiper blade: 2035371	
DV 85	H198				
HD 70 - 75, HD 90 - 110, HD 120 - 130, HD 150 TT	H152, H173, H153, H174, H181, H163, H175, H182, H168, H183, H187, H193	0001 - 9999 (00001 - 99999)	Wiper motor: 1247484 Wiper arms: 1249371 Wiper blade: 1249398	Wiper motor: 1247476 Wiper arms: 1249150 Wiper blade: 1249169	
HD+ 90 - 110	H185	0001 - 9999	Wiper motor: 2135318 Wiper arms: 2135317 Wiper blade: 2135320	Wiper motor left: 2132774 Wiper motor right: 2132778 Wiper arms left: 2135308 Wiper arms right: 2135313 Wiper blade: 2135311	
HD+ 120 - 140	H184	0001 - 9999	Wiper motor: 2132775 Wiper arms: 2135321 Wiper blade: 2135320	Wiper motor left: 2132774 Wiper motor right: 2132778 Wiper arms left: 2135308 Wiper arms right: 2135313 Wiper blade: 2135311	
GRW 10 - 18	H114, H178, H190	0001 - 9999 (00001 - 99999)	Wiper motor: 356956 Wiper arms: 356964 Wiper blade: 385999		
GRW 280	H195	0001 - 9999	Wiper motor: 2132775 Wiper arms: 2135321 Wiper blade: 2135320	Wiper motor left: 2162359 Wiper motor right: 2162364 Wiper arms left: 2162358 Wiper arms right: 2162363 Wiper blade: 2162361	
HW 90	H123	0001 - 9999 (00001 - 99999)	Wiper motor: 356956 Wiper arms: 356964 Wiper blade: 385999	Wiper motor: 534250 Wiper arms: 207683 Wiper blade: 224901	





ORIGINAL HAMM ELECTRICAL ACCESSORIES

The original Hamm lighting system provides for safe operation of the Hamm rollers even on night sites.

The robust design of the Hamm headlights ensure operating safety even under the toughest site conditions. The lighting parts are from weatherproof and temperature resistant material.







Machine		Series range	Lighting		
type	Model	NEW/old	Front	Rear	
			Headlight: 311987 Illuminant 12 V 45/40 W: 209651 Illuminant 12 V 4 W: 209635	Rear light: 230286 Illuminant 12V 21 W: 283150 Illuminant 12V 10 W: 283142	
2220	H132	0001 - 9999 (00001 - 99999)	Direction indicator: 311685 Illuminant 12 V 21 W: 283150	Work light: 207500 Illuminant 12 V 35 W: 209619	
			Headlight cab: 385077 Illuminant 12 V 55 W H3: 366528	Rear reflector: 221074	
			Headlight: 388483 Illuminant 12 V H4: 346357 Illuminant 12 V 4 W: 209635	Rear light: 230286 Illuminant 12 V 21 W: 283150 Illuminant 12 V 10 W: 283142	
2320	H155	0001 - 9999 (00001 - 99999)	Direction indicator: 311685 Illuminant 12 V 21 W: 283150	Work light: 207500 Illuminant 12 V 35 W: 209619	
			Headlight cab: 385077 Illuminant 12 V 55 W H3: 366528	Rear reflector: 221074	
		42, (0001 - 99999)	Headlight: 388483 Illuminant 12 V H4: 346357 Illuminant 12 V 4 W: 209635	Rear light: 230286 Illuminant 12 V 21 W: 283150 Illuminant 12 V 10 W: 283142	
2420, 2520,	H141, H142,		Direction indicator: 311685 Illuminant 12 V 21 W: 283150	Work light: 207500 Illuminant 12 V 35 W: 209619	
2620	H144		Side lamp: 354252 Illuminant 12 V 4 W: 209635		
			Headlight cab: 385077 Illuminant 12 V 55 W H3: 366528	Rear reflector: 221074	
		0001 - 9999 (00001 - 99999)	Headlight: 388483 Illuminant 24 V H4: 388467 Illuminant 24 V 4 W: 230634	Rear light: 330639 Illuminant 24 V 10 W: 230642	
3010	H133			Direction indicator: 311685 Illuminant 24 V 21 W: 230626	
3010	11100		Direction indicator: 311685 Illuminant 24 V 21 W: 230626	Work light: 385085 Illuminant 24 V 70 W: 277568	
			Headlight cab: 385077 Illuminant 24 V 70 W: 277568	Rear reflector: 221074	
			Headlight: 388483 Illuminant 24 V H4: 388467 Illuminant 24 V 4 W: 230634	Rear light: 330639 Illuminant 24 V 10 W: 230642	
4040	11404	0004 0000	Direction indicator: 311685	Direction indicator: 311685 Illuminant 24 V 21 W: 230626	
4010, 5011	H134, H135	135 (00001 - 99999)	Illuminant 24 V 21 W: 230626 Side lamp: 354252	Work light: 385085 Illuminant 24 V 70 W: 277568	
			Illuminant 24 V 4 W: 230634 Headlight cab: 385077 Illuminant 24 V 70 W: 277568	Rear reflector: 221074	





ORIGINAL HAMM ELECTRICAL ACCESSORIES

Machine	Model	Series range	Lighting	ng		
type	Model	NEW/old	Front	Rear		
	H158, 3205, H188, 3307 H159,	50	Headlight, left front: 1266985 Headlight, right front: 1266993 Illuminant 12 V H7: 1277499	Rear light: 330639 Illuminant 12 V 10 W: 283142		
		0001 - 9999 (00001 - 99999)	Illuminant 12 V 21 W: 283150	Direction indicator: 311685 Illuminant 12 V 21 W: 283150		
	H189		Illuminant 12 V 4 W: 209635 Headlight cab: 1272209	Headlight cab: 1272209 Illuminant 12 V 55 W H3: 366528		
			Illuminant 12 V 55 W H3: 366528	Rear reflector: 398225		
	H169,		Headlight, left front: 1266985 Headlight, right front: 1266993	Rear light: 330639 Illuminant 12 V 10 W: 283142		
3410 - 3411,	H179, H206, H160,		Illuminant 12 V H7: 1277499 Illuminant 12 V 21 W: 283150 Illuminant 12 V 4 W: 209635	Direction indicator: 311685 Illuminant 12 V 21 W: 283150		
3412 - 3414, 3516 - 3520, 3625	H180,	161, 176, 162, 177,	Side lamp right: 2029266 Side lamp left: 2029166 Illuminant 12 V 4 W: 209635	Headlight cab: 1272209 Illuminant 12 V 55 W H3: 366528		
	П210		Headlight cab: 1272209 Illuminant 12 V 55 W H3: 366528	Rear reflector: 398225		
H18i - H20i H25i	H202, H203	0001 - 9999	Headlight, left front: 2173316 Headlight, right front: 2173317 Illuminant 12 V 21 W: 283150 Illuminant 12 V 55 W H3: 366528 Illuminant 12 V 4 W: 209635 Illuminant 12 V H7: 1277499	Rear light: 2030860 Illuminant 12 V 5 W: 209694 Illuminant 12 V 21 W: 283150 Reversing light: 2030859 Illuminant 12 V 21 W: 283150		
			Headlight: 311987 Illuminant 12 V 45/40 W: 209651	Rear light: 330639 Illuminant 12 V 10 W: 283142		
DV 3	H120	0001 - 9999 (28792 - 99999)	Illuminant 12 V 4 W: 209635	Rear reflector: 330647 Illuminant 12 V 21 W: 283150		
		(20192 - 99999)	Direction indicator: 311685 Illuminant 12 V 21 W: 283150	Direction indicator: 311685 Illuminant 12 V 21 W: 283150		
				Rear reflector: 221074		
DV 6.22 H118		Headlight: 311987 Illuminant 12 V 45/40 W: 209651 Illuminant 12 V 4 W: 209635	Headlight: 311987 Illuminant 12 V 45/40 W: 209651 Illuminant 12 V 4 W: 209635			
	H118	0001 - 9999 (00001 - 99999)	Direction indicator: 311685 Illuminant 12 V 21 W: 283150	Three-unit lamp: 230286 Illuminant 12 V 10 W: 283142 Illuminant 12 V 21 W: 283150		
				Rear reflector: 221074		







Machine		Series range	Lighting	
type	Model	NEW/old	Front	Rear
		Headlight: 388483 Illuminant 12 V H4: 346357 Illuminant 12 V 4 W: 209635	Headlight: 388483 Illuminant 12 V H4: 346357 Illuminant 12 V 4 W: 209635	
DV 6.4,	H143,	0001 - 9999		Direction indicator: 311685 Illuminant 12 V 21 W: 283150
DV 6.4 PVC, DV 6 Super	H150, H156	(00001 - 99999)	Direction indicator: 311685 Illuminant 12 V 21 W: 283150	Rear light: 330639 Illuminant 12 V 10 W: 283142
				Rear reflector: 398225
			Headlight cab: 1260049 Illuminant 12 V 55 W H3: 366528	Headlight cab: 1260049 Illuminant 12 V 55 W H3: 366528
			Headlight: 311987 Illuminant 12 V 45/40 W: 209651 Illuminant 12 V 4 W: 209635	Headlight: 311987 Illuminant 12 V 45/40 W: 209651 Illuminant 12 V 4 W: 209635
DV 8.4	DV 8.4 H138	0001 - 9999 (00001 - 99999)	Direction indicator: 311685 Illuminant 12 V 21 W: 283150	Three-unit lamp: 230286 Illuminant 12 V 10 W: 283142 Illuminant 12 V 21 W: 283150
				Rear reflector: 221074
			Headlight: 388483 Illuminant 12 V H4: 346357 Illuminant 12 V 4 W: 209635	Headlight: 388483 Illuminant 12 V H4: 346357 Illuminant 12 V 4 W: 209635
DV 8.4 PVC,	H151,		Direction indicator: 311685 Illuminant 12 V 21 W: 283150	Direction indicator: 311685 Illuminant 12 V 21 W: 283150
DV 8 Super	H157			Rear light: 330639 Illuminant 12 V 10 W: 283142
				Rear reflector: 398225
			Headlight cab: 1260049 Illuminant 12 V 55 W H3: 366528	Headlight cab: 1260049 Illuminant 12 V 55 W H3: 366528
			Headlight: 388483 Illuminant 12 V H4: 346357	Headlight: 385085 Illuminant 12 V 55 W H3: 366528
			Direction indicator: 311685	Direction indicator: 311685 Illuminant 12 V 21 W: 283150
DV 40, DV 70,	H164, H165, H166,		Illuminant 12 V 21 W: 283150	Rear light: 330639 Illuminant 12 V 10 W: 283142
DV 65, H1 DV 85 H1	H191, H192, H197, H198	0001 - 9999	Drum lighting: 330647 Illuminant 12 V 21 W: 283150 Illuminant 12 V 10 W: 283142	Drum lighting: 330647 Illuminant 12 V 21 W: 283150 Illuminant 12 V 10 W: 283142
				Rear reflector: 2025134
			Headlight cab: 2035376 Illuminant 12 V 55 W H3: 366528	Headlight cab: 2035376 Illuminant 12 V 55 W H3: 366528







ORIGINAL HAMM ELECTRICAL ACCESSORIES

Machine	Model	Series range	Lighting		
type	Model	NEW/old	Front	Rear	
HD 8 VV, HD 10C VV		nnni - aaaa	Headlight: 2030857 Illuminant 12 V H4: 346357 Illuminant 12 V 4 W: 209635	Rear light: 2030860 Illuminant 12 V 21 W: 283150 Illuminant 12 V 21/5 W: 2065509 Reversing light: 2030859 Illuminant 12 V 21 W: 283150	
			Direction indicator: 2030858 Illuminant 12 V 21 W: 2055118	Rear reflector: 398225	
HD 10 - 12	H171,	0001 - 9999	Headlight: 2030857 Illuminant 12 V H4: 346357 Illuminant 12 V 4 W: 209635	Rear light: 2030860 Illuminant 12 V 21 W: 283150 Illuminant 12 V 21/5 W: 2065509	
110 10 12	H200		Direction indicator: 2030858 Illuminant 12 V 21 W: 2055118	Reversing light: 2030859 Illuminant 12 V 21 W: 283150	
			mummant 12 v 21 vv. 2000110	Rear reflector: 398225	
HD 13 - 14,	H172, H201,	201, 196, 0001 - 9999	Headlight: 2030857 Illuminant 12 V H4: 346357 Illuminant 12 V 4 W: 209635	Rear light: 2030860 Illuminant 12 V 21 W: 283150 Illuminant 12 V 21/5 W: 2065509	
HD 14 TT	H196, H208		Direction indicator: 2030858	Reversing light: 2030859 Illuminant 12 V 21 W: 283150	
			Illuminant 12 V 21 W: 2055118	Rear reflector: 398225	
		0001 - 1485 (36017 - 42934)	Direction indicator left: 1200631 Direction indicator right: 1200623 Illuminant 12 V 21 W: 283150	Rear reflector: 330647 Illuminant 12 V 21 W: 283150	
HD 10 - 13	H139		manmant 12 v 21 vv. 250150	Rear light: 330639 Illuminant 12 V 10 W: 283142	
			Headlight: 388483 Illuminant 12 V H4: 346357 Illuminant 12 V 4 W: 209635	Direction indicator: 311685 Illuminant 12 V 21 W: 283150	
				Rear reflector: 398225	
	HD 10 - 13 H139	1486 - 9999	Headlight: 388483 Illuminant 12 V H4: 346357 Illuminant 12 V 4 W: 209635	Rear light: 330639 Illuminant 12 V 10 W: 283142	
HD 10 - 13			Direction indicator: 311685 Illuminant 12 V 21 W: 283150	Headlight: 330647 Direction indicator: 311685 Illuminant 12 V 21 W: 283150	
				Rear reflector: 398225	







Machine	Model	Series range NEW/old	Lighting			
type			Front	Rear		
HD 70 - 75, HD 90 - 110, HD 120 - 130, HD 150 TT	H152, H173, H153, H174, H163, H175, H168, H181, H182, H183, H187, H193	0001 - 9999 (00001 - 99999)	Headlight: 388483 Illuminant 12 V H4: 346357	Rear light: 330639 Illuminant 12 V 10 W: 283142		
			Illuminant 12 V 4 W: 209635 Direction indicator: 311685	Headlight: 385085 Illuminant 12 V 55 W H3: 366528		
			Illuminant 12 V 21 W: 283150	Direction indicator: 311685 Illuminant 12 V 21 W: 283150		
			Headlight cab: 385077 Illuminant 12 V 55 W: 355283	Headlight cab: 385077 Illuminant 12 V 55 W: 355283		
				Rear reflector: 398225		
HD+ 90 - 110	H185	0001 - 9999	Headlight: 2030857 Illuminant 12 V H4: 346357 Illuminant 12 V 4 W: 209635	Headlight: 2030857 Illuminant 12 V H4: 346357 Illuminant 12 V 4 W: 209635		
			Direction indicator: 2142234 Illuminant 12 V 21 W: 283150	Rear light: 2030860 Illuminant 12 V 21 W: 283150 Illuminant 12 V 21/5 W: 2065509		
			Illuminant 12 V 21 W: 283150	Rear reflector: 2025134		
HD+ 120 - 140	H184	0001 - 9999	Headlight: 2065584 Illuminant 12 V H7: 1277499	Headlight: 2060918 Illuminant 12 V 55 W H3: 366528		
			Direction indicator left: 2066214 Illuminant 12 V 10 W: 283142 Illuminant 12 V 21 W: 283150	Rear light left: 2060712 Illuminant 12 V 21 W: 283150 Illuminant 12 V 21/5 W: 2065509 Rear light right: 2060713 Illuminant 12 V 21 W: 283150		
			Direction indicator right: 2066215 Illuminant 12 V 10 W: 283142	Illuminant 12 V 21/5 W: 2065509		
			Illuminant 12 V 21 W: 283150	Rear reflector: 2025134		
GRW 10 - 24	H114, H178, H190	0001 - 9999 (00001 - 99999)	Headlight: 311987 Illuminant 12 V 45/40 W: 209651 Illuminant 12 V 4 W: 209635	Headlight: 311987 Illuminant 12 V 45/40 W: 209651 Illuminant 12 V 4 W: 209635		
			Side lamp left: 2029166 Side lamp right: 2029266 Illuminant 12 V 4 W: 209635	Rear light: 230286 Illuminant 12 V 21 W: 283150 Illuminant 12 V 10 W: 283142		
				Rear reflector: 221074		
GRW 280	H195	0001 - 9999	Headlight: 2030857 Illuminant 12 V H4: 346357	Headlight: 2030859 Illuminant 12 V 21 W: 283150		
			Direction indicator: 2142251 Illuminant 12 V 21 W: 283150	Rear light: 2030860 Illuminant 12 V 21 W: 283150 Illuminant 12 V 21/5 W: 2065509		
			Illuminant 12 V 10 W: 283142	Rear reflector: 2025134		
HW 90	H123	0001 - 9999	Headlight: 346349 Illuminant 12 V H4: 346357	Headlight: 207500 Illuminant 12 V 35 W: 209619		
			Illuminant 12 V 4 W: 209635 Direction indicator: 230375 Illuminant 12 V 21 W: 283150	Rear light: 230286 Illuminant 12 V 21 W: 283150 Illuminant 12 V 10 W: 283142		
			1 1 1 1 200.00	Rear reflector: 221074		





ORIGINAL HAMM EMERGENCY KITS

Small malfunctions in the electronic or electric system can disturb the site work severely. With the original Hamm service package, you will have all necessary sensors, relays, switches, fuses as well as control elements at your disposal locally. The machine can continue the operation without longer downtime. Due to the variety of parts, your service and maintenance staff is supported effectively. The original Hamm service packages should not be missing in any workshop or service car.







Maalina kus	Madal	Series range	Version	Emergency kit	Water sprinkling	
Machine type	Model				Service package	Driver kit
3205, 3307, 3410 - 3411, 3412 - 3414, 3516 - 3520,	H158, H159, H169, H160, H161,	0001 - 9999	Standard Hammtronic	2035790 2034656		
3625 3205, 3307,	H162 H188, H189,		Standard	2117310		
3410 - 3411, 3412 - 3414, 3516 - 3520, 3625	H179, H180, H176, H177	0001 - 9999	Hammtronic	2117311		
DV 6 Super	H156	0001 - 9999		2035762	2032389	
DV 8 Super	H157	0001 - 9999		2033702	2032369	
DV 40	H164	0001 - 9999				2047936
DV 70, DV 65	H165	0001 - 9999		2035744	2032389	2047936
	H191, H197			2117318		
DV 90, DV 85	H166	0001 - 9999		2035744		
	H192, H198			2117319		
HD 8 - 10C	H170	0001 - 9999				
HD 10 - 12	H171					2047906
HD 13 - 14	H172					
HD 10 - 13	H139	0001 - 9999				2047945
HD 70 - 75, HD 90 - 110, HD 120 - 130, HD 150 TT	H152,	0001 - 9999	Standard	2035747	2039034	2047933
HD 90 - 110	H153, H163,					
HD 120 - 130	H168		Divided drum (ASC)	2035760	2039034	2047933
HD 150 TT					2039034	2047944
HD 70 - 75, HD 90 - 110, HD 120 - 130, HD 150 TT	H187,	0001 - 9999	Standard	2117312	2039034	2047933
HD 90 - 110	H181, H182,					
HD 120 - 130	H193		Divided drum (ASC)	2117313	2039034	2047933
HD 150 TT						2047944
HD+ 90 - 110	H185	0001 - 9999				2117320
HD+ 120 - 140	H184	0001 - 9999				
GRW 280	H195	0001 - 9999				2196411
all types		0001 - 9999			2039036	



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ORIGINAL HAMM SERVICE PACKAGES FOR FILTER ELEMENTS

An original Hamm filter is safe, reliable and cleans efficiently.

Original Hamm filters effectively protect the installed aggregates from damaging particles and guarantee maximum service life of the modern Diesel and hydraulic aggregates.

Original Hamm service packages include all necessary parts per maintenance step, exactly coordinated for the particular machine type.







		Series range	Replaceme	Replacement interval			
Machine type	Model	NEW/old	50 h	500 h, 1500 h, 2500 h	1000 h, 3000 h, 5000 h	2000 h, 4000 h, 6000 h	
		0002 - 0026 (41693 - 42065)		2020420	2020423	2020424	
2220	H132	0027 - 9999 (42499 - 99999)		2020420	2020421	2020422	
		0357 - 0456 (41718 - 42345)		2020314	2020317	2020318	
2320	H155	0457 - 9999 (42657 - 99999)		2020287	2020291	2020302	
		0288 - 1062 (37813 - 41611)		2020271	2018605	2018604	
2420	H141	1063 - 1277 (41888 - 42841)		2014838	2014799	2014797	
		1278 - 9999 (42892 - 99999)		2014796	2014795	2014778	
		0064 - 0130 (37803 - 40515)		2020505	2020506	2020507	
2520	H142	0131 - 0148 (40931 - 41075)		2020510	2020509	2020508	
		0149 - 9999 (41262 - 99999)		2020513	2020512	2020511	
		0015 - 0057 (37810 - 40514)		2020505	2020506	2020507	
2620	H144	0058 - 0093 (40721 - 43102)		2020510	2020509	2020508	
		0094 - 9999 (43102 - 99999)		2020513	2020512	2020511	
2720	H154	0001 - 9999 (41692 - 99999)		2020514	2020516	2020515	
0044	11400	0204 - 0353 (37953 - 40307)		2013875	2013874	2013831	
3011	H133	0354 - 9999 (40333 - 99999)		2013875	2020541	2013876	
4044 (00 1340	11404	0271 - 0386 (37973 - 40515)		2013894	2024083	2013916	
4011 (89 kW)	H134	0387 - 9999 (40516 - 99999)		2013894	2024085	2014022	
4044 (00 1.)40	11404	0271 - 0386 (37973 - 40515)		2013894	2024072	2014018	
4011 (98 kW)	H134	0387 - 9999 (40516 - 99999)		2013894	2020539	2014029	
		0001 - 0032 (44915 - 48511)		2013742	2013738	2013704	
	H158	0033 - 0245 (49092 - 99999)	2013703	2013679	2013662	2013636	
3205		0246 - 9999	2051657	2051661	2051662	2051663	
	11400	0001 - 0052	2057970	2057971	2057972	2057973	
	H188	0053 - 9999	2221165	2221168	2221170	2221172	

 $\label{thm:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$





ORIGINAL HAMM SERVICE PACKAGES FOR FILTER ELEMENTS

		Series range	Replacement i	nterval		
Machine type	Model	NEW/old	50 h	500 h, 1500 h, 2500 h	1000 h, 3000 h, 5000 h	2000 h, 4000 h, 6000 h
		0001 - 0005 (44041 - 45680)		2029812	2029813	2029855
	11450	0006 - 0155 (45681 - 48771)		2013604	2013517	2013500
2207	H159	0156 - 0976 (49452 - 99999)	2013609	2013594	2013514	2013491
3307		0977 - 9999	2051652	2051654	2051655	2051656
	H189	0001 - 0246	2058130	2058131	2058132	2058133
	нтоэ	0247 - 9999	2243713	2243406	2243408	2243409
	⊔ 160	0001 - 0213 (61361 - 99999)	2012873	2012861	2012848	2012843
	H169	0214 - 9999	2034356	2034358	2034359	2034360
3410 - 3411	H179	0001 - 9999	2060088	2060092	2060093	2060094
	H269	0001 - 9999	2034356	2034358	2034359	2034360
	H206	0001 - 9999	2130142	2130143	2130145	2130147
	H160	0002 - 0327 (43589 - 48926)		2013469	2013448	2013410
		0328 - 0457 (49132 - 50176)		2013455	2013441	2012629
		0458 - 1026 (50289 - 99999)	2012873	2012861	2012848	2012843
3412 - 3414		1027 - 9999	2034356	2034358	2034359	2034360
	H180	0001 - 1346	2060095	2060096	2060098	2060099
	11100	1347 - 9999	2215509	2215512		2215513
	H214	0001 - 9999	2186745	2186746		2186747
		0001 - 0156 (43553 - 48881)		2012929	2013162	2013240
	H161	0157 - 0296 (49067 - 50683)		2013253	2013252	2013250
	11101	0297 - 0641 (50764 - 99999)	2013273	2013276	2013281	2013289
3516 - 3520		0642 - 9999	2034361	2034396	2034404	2034405
	H176	0001 - 1501	2043632	2043633	2043635	2043637
	11170	1502 - 9999	2218059	2218061		2218064
	H215	0001 - 9999	2203258	2203261		2203264

Due to possible technical changes, please always compare with the information in the instruction manual.







		Series range	Replacement in	nterval		
Machine type	Model	NEW/old	50 h	500 h, 1500 h, 2500 h	1000 h, 3000 h, 5000 h	2000 h, 4000 h, 6000 h
H18i - H20i	H202	0001 - 9999	2194245	2204871		2204874
	H162	0053 - 9999	2034436	2034451	2034457	2034458
3625	11477	0001 - 0058	2043632	2043633	2043635	2043637
	H177	0059 - 9999	2218059	2218061		2218064
H25i	H203	0001 - 9999	2194245	2204871		2204874
DV 3	H120	1150 - 9999 (41002 - 99999)		2020465	2020464	2020464
DV C 4	114.40	0002 - 0036 (37647 - 37801)		2020466	2020467	2020468
DV 6.4	H143	0037 - 0196 (37913 - 39997)		2020469	2020470	2020471
DV 6.4 PVC	H150	0001 - 9999 (40398 - 43441)		2020472	2020473	2020474
DV 6 Super	H156	0001 - 9999 (43442 - 99999)		2020476	2020477	2020478
DV 0.4	H138	0292 - 0381 (37863 - 39317)		2028891	2028892	2028893
DV 8.4		0382 - 0422 (39538 - 40400)		2020479	2020480	2020481
DV 8.4 PVC	H151	0001 - 9999 (40401 - 99999)		2020482	2020483	2020484
DV 8 Super	H157	0001 - 9999 (43483 - 99999)	2020485	2020486	2020487	2020488
DV 40	11404	0001 - 0172	2024045	2024047	2024048	2024054
DV 40	H164	0173 - 9999	2111741	2111742	2111743	2111744
DV 70	H165	0002 - 9999 (61478 - 99999)	2024055	2024056	2024058	2024059
DV 70	H191	0001 - 9999	2050500	2050501	2050503	2050555
DV 65	H197	0001 - 9999	2050500	2050501	2050503	2050555
DV 00	H166	0003 - 9999 (61111- 99999)	2024060	2024061	2024069	2024070
DV 90	H192	0001 - 9999	2051236	2051237	2051248	2051250
DV 85	H198	0001 - 9999	2051236	2051237	2051248	2051250
	H170	0001 - 9999	2057805	2057806	2057807	2057808
HD 8 VV, HD 10C VV	11400	0001 - 0220	2151915	2151916		2151917
	H199	0221 - 9999	2171751	2171753		2171754

 $\label{thm:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$





ORIGINAL HAMM SERVICE PACKAGES FOR FILTER ELEMENTS

		Series range	Replacement in	nterval		
Machine type	Model	NEW/old	50 h	500 h, 1500 h, 2500 h	1000 h, 3000 h, 5000 h	2000 h, 4000 h, 6000 h
	H171	0001 - 9999	2057801	2057802	2057803	2057804
HD 10/12		0001 - 0688	2151918	2151919		2151921
	H200	0689 - 9999	2171757	2171758		2171760
	H172	0001 - 9999	2057400	2057401	2057402	2057404
HD 13/14	LIO01	0001 - 0169	2151922	2151924		2151927
	H201	0170 - 9999	2171507	2171508		2171509
HD 14 TT	H196	0001 - 9999	2057400	2057401	2057402	2057404
וו 14 ו ח	H208	0001 - 9999	2171507	2171508		2171509
HD 10 - 13	H139	1486 - 9999 (42935 - 99999)	2020442	2020443	2020444	2020445
	H152	0001 - 0017 (41527 - 42324)		2020446	2020448	2020449
		0018 - 0448 (42325 - 48871)		2020451	2020452	2020453
		0449 - 0660 (49032 - 61486)	2020454	2020455	2020456	2020457
HD 70 - 75		0661 - 9999 (61487 - 99999)	2029661	2029693	2029696	2029726
	114.70	0001 - 0343 (0001 - 0266)	2029661	2029693	2029696	2029726
	H173	0344 - 9999	2052620	2052622	2052623	2052624
	H187	0001 - 9999	2058010	2058011	2058012	2058013
HD 85 - 100 (F4L 912)	H122	0083 - 9999 (32959 - 99999)		2020458	2020459	2020460
HD 85 - 100 (BF4L 913)	H122	0083 - 9999 (32959 - 99999)		2020461	2020462	2020463
		0001 - 0043 (40961 - 42250)		2020502	2020503	2020504
	U150	0044 - 0685 (42537 - 48851)	2020491	2020495	2020498	2020501
HD 00 110	H153	0686 - 0925 (48972 - 50612)	2020490	2020493	2020497	2020500
HD 90 - 110		0926 - 9999 (60175 - 99999)	2020489	2020492	2020496	2020499
	H174	0001 - 9999	2020489	2020492	2020496	2020499
	H181	0001 - 9999	2060101	2060103	2060104	2060105
HD+ 90 - 110	H185	0001 - 9999		2140973		2140976

Due to possible technical changes, please always compare with the information in the instruction manual.







		Series range	Replaceme	nt interval		
Machine type	Model	NEW/old	50 h	500 h, 1500 h, 2500 h	1000 h, 3000 h, 5000 h	2000 h, 4000 h, 6000 h
		0001 - 0108 (42564 - 48501)	2020491	2020495	2020498	2020501
	H163	0109 - 9999 (48757 - 50693)	2020490	2020493	2020497	2020500
LID 400 400		0184 - 9999 (60185 - 99999)	2020489	2020492	2020496	2020499
HD 120 - 130	H175	0001 - 9999	2020489	2020492	2020496	2020499
	H182	0001 - 9999	2060107	2060110	2060111	2060112
	H275	0001 - 9999	2020489	2020492	2020496	2020499
HD+ 120 - 140	H184	0001 - 9999		2057901		2057903
	H168	0002 - 9999 (50177 - 99999)	2020517	2020518	2020519	2020520
HD 150 TT	H183	0001 - 9999	2060113	2060114	2060115	2060116
	H193	0001 - 9999	2048055	2048063	2048110	2048128
GRW 10 - 18 (Cummins)	H114	0693 - 0992 (37492 - 41877)		2020429	2020430	2020431
	H114	0993 - 1042 (42394 - 42706)		2020426	2020427	2020428
GRW 10 - 18		1043 - 1558 (43077 - 48861)		2020441	2020440	2020425
(BF4M1013E)		1559 - 1738 (49097 - 99999)	2020425	2020438	2020437	2020436
		1739 - 9999	2041764	2041737	2041740	2041741
	11444	1709 - 2241 (50669 - 99999)	2020432	2020433	2020434	2020435
GRW 10 - 18 (BF4M2012C)	H114	2242 - 9999	2060117	2060119	2060120	2060121
	H178	0001 - 9999	2060117	2060119	2060120	2060121
GRW 10 - 24 (TCD 2012)	H190	0001 - 9999	2047980	2047998	2048005	2048025
GRW 280	H195	0001 - 9999		2160576		2160577
		0522 - 0541 (37702 - 37721)		2013780	2013756	2013749
		0542 - 0861 (38033 - 61557)	2013815	2013830	2013829	2013817
HW 90	H123	0862 - 0989 (61558 - 99999)	2029734	2029736	2029756	2029775
		0990 - 1023	2052612	2052614	2052615	2052618
		1024 - 9999	2058251	2058252	2058253	2058254

 $\label{lem:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$





ORIGINAL WIRTGEN GROUP LUBRICANTS

The complex and demanding requirements imposed by Wirtgen Group machines have been analysed in intensive research and testing work together with leading oil companies and translated into optimum specifications. The resultant products are now used for first-time lubrication of the machines in the factory. The outcome of these efforts is remarkable:

A large range of premium lubricants from a single source complemented by highly functional accessories "made in Germany" for filling and lubrication. The new Wirtgen Group lubricants ensure that your fleet does not grind to a halt.

Premium lubricants

Wirtgen Group lubricants combine the best possible basic oils and unique additives in customized specifications. The advantages for you:

- Extended oil-change intervals based on oil analysis in the Wirtgen Group
- Compatibility with the first filling
- Optimum protection against wear
- Perfect protection against corrosion
- Traceability in the event of damage

Wirtgen Group lubricants consequently improve the performance and service life of your machines while at the same time durably cutting their running costs. The sensible way to save money!

One-stop supply

All Wirtgen Group machines – whether Wirtgen milling machine, Vögele paver or Hamm roller – can be filled and lubricated with the corresponding Wirtgen Group lubricant for each application.* Together with the carefully coordinated mixture of container sizes, this results in optimized ordering, storage and filling processes.

Accessories for filling and lubrication

Highly functional accessories "made in Germany", such as canister pumps and grease guns, are available to assist you in filling and lubricating your machines.

*Exceptions are indicated



Wirtgen Group Engine Oil 15W40

Powerful high-performance engine oil made from excellent basic oils and special additives. Increases the performance output by your engine while at the same time ensuring maximum operational reliability.

Container sizes: 5 I, 20 I, 208 I Classes: ACEA E7/E5, API CI-4 plus Manufacturers' standards: Daimler Chrysler MB 228.3, Caterpillar CAT ECF-1, Cummins CES 20078/7/6/2/1

Wirtgen Group Engine Oil "Low SAPS" 10W30

Semi-synthetic "Low SAPS" engine oil (low sulphated ash, sulphur and phosphorous content) with fuel economy technology. Its low sulphate ash content ensures that burnt oil particles do not prematurely clog the particle filter for exhaust gas after-treatment.

Container sizes: 5 l, 20 l, 208 l

Exhaust gas standard: EPA/CARB Tier 4i,

EU-2004/26/EG Level IIIB Classes: ACEA E9/E7. API CJ-4

Manufacturers' standards: Deutz DQC III-10 LA, Caterpillar CAT ECF-3, Cummins CES

20081, Daimler Chrysler MB 228.31







Wirtgen Group Hydraulic Oil HVLP 46

High-grade multi-range hydraulic oil with high viscosity index for optimum protection against wear, even in the most difficult service conditions. The new, improved specification ensures very long service intervals. Optimum cold starting properties are guaranteed.

Container sizes: 20 I, 208 I

Classes: DIN 51524 Part 3, Type HVLP

ISO 6743/4 HV

Wirtgen Group Gear Oil 85W90

Mineral gear oil of the latest generation for versatile use in gearboxes and axle drives. Stands out through maximum protection against wear and oxidation.

Container sizes: 5 I, 20 I, 208 I

Classes: API GL-5

Manufacturers' standards: Daimler Chrysler MB 235.0, ZF-TE-ML05A/07A/12A/16C/17B

Note: Must not be used for Wirtgen milling drum gearboxes, Hamm vibratory bearings and drum drives, as well as for Vögele pump splitter gearboxes and travel drives.

Wirtgen Group Special Gear Oil

Special all-synthetic high-performance gear oil for Hamm vibratory bearings and drum drives, as well as for Vögele pump splitter gearboxes and travel drives. Extremely resistant to pressure and temperature.

Container sizes: 5 l, 20 l, 208 l

Classes: API GL-5

Notes: Must not be mixed with mineral gear oil. Must not be used for Wirtgen milling drum gearboxes.

Wirtgen Group Multipurpose Grease

Highly refined multipurpose grease for a wide range of lubricating jobs, such as on link pins and wheel bearings. State-of-the-art additive technology makes this product particularly suitable for use in conditions subject to impacts and vibration.

Container sizes: 400 g cartridge

Wirtgen Group Drum Bearing Grease

Exclusive grease for lubricating Hamm drum bearings. Extremely resistant to temperature and pressure.

Container sizes: 1 kg

Wirtgen Group Drive Bearing Grease

Special high-performance grease for use in Hamm drive bearings. Extremely resistant to pressure and water-repellent.

Container sizes: 1 kg

Wirtgen Group Asphalt Anti Stick

The Wirtgen Group Asphalt Anti Stick has been specially developed for applications with rubber-tyred and combined rollers and prevents the bitumen from sticking to the rubber wheels

In conjunction with rubber wheels, it has particularly good compatibility and does not damage the tyres.

Wirtgen Group Asphalt Anti Stick is based on a non-toxic solution and is biodegradable.

Container sizes: 5 l, 20 l





ORIGINAL WIRTGEN GROUP ACCESSORIES FOR FILLING AND LUBRICATION

Oil pumps

Hand pump for 20 I canisters:

- Piston pump
- Delivery hose with spring-loaded spiral and anti-kink spring
- Non-drip spout with holder
- Foot valve

Lever-operated hand pump for 208 I barrels:

- Made of metal
- Telescoping intake tube
- Pivotable delivery manifold
- Delivery capacity: 0.2 l / stroke



Pressure sprays and grease guns

Pressure sprays:

- Made of metal
- Flexible hose
- Sizes: 500 g, 1000 g

Grease guns:

- Made of metal
- High pressure output
- Size: 400 a



Filling cans and funnels

Filling cans:

- Flexible spout
- Complete with lid
- Sizes: 1 I, 2 I, 5 I

Filling funnels:

- Transparent plastic material
- Complete with lid
- Diameter: 180 mm, 220 mm







Description	Container size	Part No.
	51	2065020
Wirtgen Group Engine Oil 15W40	201	2065025
	2081	2065026
	51	2112355
Wirtgen Group Engine Oil 10W40	201	2112354
	2081	2219171
	51	2210320
Wirtgen Group Engine Oil "Low SAPS" 10W30	201	2210322
	2081	2210323
Wirtgen Group Hydraulic Oil HVLP 46	201	2065028
Willigen Gloup Hydraulic Oli HVLI 40	2081	2065029
	51	2065030
Wirtgen Group Gear Oil 85W90	201	2065031
	2081	2065032
	51	1238051
Wirtgen Group Special Gear Oil	201	2065037
	2081	2065038
Wirtgen Group Asphalt Anti Stick	51	2117378
Willgell Gloup Aspitalt Altit Stick	201	2117379
Wirtgen Group Multipurpose Grease	400 g	2065035
Wirtgen Group Drum Bearing Grease	1 kg	1205757
Wirtgen Group Drive Bearing Grease	1 kg	1227114
	51	2173022
Wirtgen Antifreezing Compound	201	2173023
	2081	2173024

Description	Part No.
Hand pump for 20 I canisters	2065044
Lever operated hand pump for 208 I barrels	2065045
Pressure sprays 500 g	2065046
Pressure sprays 1000 g	2065047
Lever operated hand grease gun 400 g	2065048
Grease gun 400 g	2065049
Filling can 1 I	2065041
Filling can 2 I	2065042
Filling can 5 I	2065043
Filling funnel 180 mm	2065039
Filling funnel 220 mm	2065040





LUBRICANT REQUIREMENTS WHEN USING ORIGINAL WIRTGEN GROUP LUBRICANT CONTAINERS

Machine type Model		Series range NEW/old	Engine Oil Container s Part No. 20	size 5 l	Special Gear Oil Container size 5 I Part No. 1238051		
21.			Capacity	Quantity	Drum type	Capacity	Quantity/ Drum
2220	H132	0002 - 9999 (41693 - 99999)	81	2	Smooth Padfoot	8.5 I 7.5 I	2
2320	H155	0357 - 9999 (41718 - 99999)	10.5	3	Smooth Padfoot	17 I 1.6 I	4
		0288 - 1062 (37813 - 41611)	14	3	Smooth/padfoot Oscillation	3.2 I 13 I	1 3
2420	H141	1063 - 9999 (41888 - 99999)	15.5 l	4	Smooth/padfoot Oscillation	3.2 I 13 I	1
		0064 - 0130 (37803 - 40515)	21	5	Osomation	101	J
2520	H142	0131 - 9999 (40931 - 99999)	18.5 l	4	Smooth/padfoot	41	1
2620	11144	0015 - 0057 (37810 - 40514)	21	5	Connecto / podde et	4.1	
2620	H144	0058 - 9999 (40721 - 99999)	18.5 l	4	Smooth/padfoot	41	1
2720	H154	0001 - 9999 (41692 - 99999)	18.5 l	4	Smooth/padfoot	41	1
3011	H133	0204 - 9999 (37953 - 99999)	10	2	Smooth/padfoot	3.2	1
4011	H134	0271 - 9999 (37973 - 99999)	141	3	Smooth/padfoot	3.2	1
3205	H158	0001 - 0077 (44915 - 60379)	12.5	3	Smooth/padfoot	6.4 I	2
3203	11400	0078 - 9999	101	2	0 11 / 15	7.51	•
	H188	0001 - 9999	101	2	Smooth/padfoot	7.5	2
3307	H159	0001 - 0347 (44041 - 61030) 0348 - 9999	12.5 I 10 I	3	Smooth/padfoot	12	3
	H189	0001 - 9999	101	2	Smooth/padfoot	12	3
	H169	0001 - 9999 (61361 - 99999)	9.51	2	Smooth/padfoot	5.1	2
3410 - 3411	H179	0001 - 0877	11.5	3	Smooth/padfoot	5.1 l	2
3410 - 3411		0878 - 9999			Smooth/padfoot	3.81	1
	H206	0001 - 9999	9.51	2	Smooth/padfoot	5.11	2
	H269	0001 - 9999 0002 - 0457 (43589 - 50176)	9.5 l 12.5 l	3	Smooth/padfoot Smooth/padfoot	5.1 l 5.8 l	2
	H160	0458 - 9999 (50289 - 99999)	9.51	2	Smooth/padfoot Vibration/oscillation	5.8 I 3.5 I	2
		0001 - 0991	11.5	3	Smooth/padfoot	5.81	2
3412 - 3414		0001 - 0001	11.01	3	Vibration/oscillation	3.5	1
	H180	0000 0000	44.5.1	0	Smooth/padfoot	3.81	1
		0992 - 9999	11.5	3	Smooth/padfoot - HT Vibration/oscillation	5.8 I 3.5 I	2
					Smooth/padfoot	3.51	1
	H214	0001 - 9999	9.51	2	Vibration/oscillation	1.5	1

Due to possible technical changes, please always compare with the information in the instruction manual.







Machine type	Model	Series range NEW/old	Gear Oil 85W90 Container size 5 I Part No. 2065030	Container size 5 I		Hydraulic Oil Container size 20 I Part No. 2065028		
371-3			Capacity	Quantity	Capacity	Quantity		
2220	H132	0002 - 9999 (41693 - 99999)	61	2	62	4		
2320	H155	0357 - 9999 (41718 - 99999)	101	2	70	4		
2420	H141	0288 - 1062 (37813 - 41611)	171	4	56	3		
2420	11141	1063 - 9999 (41888 - 99999)	171	4	56	3		
2520	H142	0064 - 0130 (37803 - 40515)	201	4	67 I	4		
2020	11172	0131 - 9999 (40931 - 99999)	21	5	071	7		
2620	H144	0015 - 0057 (37810 - 40514)	201	4	67 I	4		
2020		0058 - 9999 (40721 - 9999)	21	5				
2720	H154	0001 - 9999 (41692 - 99999)	21	5	67 I	4		
3011	H133	0204 - 9999 (37953 - 99999)	10	2	52	3		
4011	H134	0271 - 9999 (37973 - 99999)	171	4	62 I	4		
3205	H158	0001 - 0077 (44915 - 60379)	91	2	32	2		
	11400	0078 - 9999	0.1	0	00.1	0		
	H188	0001 - 9999	91	2	32	2		
3307	H159	0001 - 0347 (44041 - 61030) 0348 - 9999	91	2	32	2		
	H189	0001 - 9999	91	2	32	2		
	H169	0001 - 9999 (61361 - 99999)	141	3	501	3		
3410 - 3411	H179	0001 - 0877 0878 - 9999	141	3	50	3		
	H206	0001 - 9999	141	3	50 I	3		
	H269	0001 - 9999	141	3	50 I	3		
	H160	0002 - 0457 (43589 - 50176)	141	3	50	3		
3412 - 3414	П100	0458 - 9999 (50289 - 99999)	141	3	50	3		
	H180	0001 - 0991	141	3	50 I	3		
	11100	0991 - 9999	141	3	50 I	3		
	H214	0001 - 9999	14	3	50 I	3		

 $\label{thm:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$





LUBRICANT REQUIREMENTS WHEN USING ORIGINAL WIRTGEN GROUP LUBRICANT CONTAINERS

Machine type Model		Series range NEW/old	Engine Oi Container Part No. 2	size 5 l	Special Gear Oil Container size 5 I Part No. 1238051	Container size 5 I		
1,00		11211/010	Capacity	Quantity	Drum type	Capacity	Quantity/ Drum	
	H161	0001 - 0296 (43553 - 50683)	25.5	6	Smooth/padfoot	5.81	2	
3516	ПОТ	0297 - 9999 (50764 - 99999)	15.5 l	4	Silloutil/padioot	5.61	2	
	H176	0001 - 9999	15.5 l	4	Smooth/padfoot	5.8	2	
	H215	0001 - 9999	15.5 l	4	Smooth/padfoot	3.2	2	
	11161	0001 - 0296 (43553 - 50683)	25.5	6	Compath/padfast	0.1	2	
3518 - 3520	H161	0297 - 9999 (50764 - 99999)	15.5	4	Smooth/padfoot	81	2	
	H176	0001 - 9999	15.5 l	4	Smooth/padfoot	7.6	2	
	H215	0001 - 9999	15.5 l	4	Smooth/padfoot	3.6 I	1	
H18i - H20i	H202	0001 - 9999	16.0	4	Smooth/padfoot	3.61	1	
3625	H162	0001 - 9999	18.5 l	4	Smooth	7.6	2	
3023	H177	0001 - 9999	15.5 l	4	Smooth	7.6	2	
H25i	H203	0001 - 9999	16.0 l	4	Smooth	3.6 I	1	
DV 3	H120	1210 - 9999 (42376 - 99999)	5.5	2	Vibration			
DV 6.4	H143	0002 - 9999 (37647 - 99999)	10.5	3	Vibration			
DV 6.4 PVC	H150	0001 - 9999 (40398 - 43441)	10.5	3	Vibration			
DV 6 Super	H156	0001 - 9999 (43442 - 99999)	10.5	3	Vibration			
DV 8.4	H138	0292 - 9999 (37863 - 99999)	10 I	2	Vibration	2.21	1	
DV 9 4 DVC	11454	0001 - 9999	10.5.1	2	Vibration	2.2	1	
DV 8.4 PVC	H151	(40401 - 99999)	10.5	3	Oscillation			
DV 8 Super	H157	0001 - 9999	10.5	3	Vibration	2.2	1	
DV 0 Super	11137	(43483 - 99999)	10.51	3	Oscillation			
DV 40	H164	0001 - 9999	51	1	Vibration			
DV 70	H165	0001 - 9999	9.5	2	Vibration/oscillation			
_,,,	H191	0001 - 9999	11.5	3	Vibration/oscillation			
DV 90	H166	0001 - 9999	9.5	2	Vibration/oscillation			
2.03	H192	0001 - 9999	11.5	3	Vibration/oscillation			
HD 8 VV,	H170	0001 - 9999	41	1	Vibration			
HD 10C VV	H199	0001 - 9999	51	1	Vibration			
HD 10/12	H171	0001 - 9999	51	1	Vibration			
	H200	0001 - 9999	71	2	Vibration			
HD 13/14	H172	0001 - 9999	51	1	Vibration			
	H201	0001 - 9999	9.5	2	Vibration			
HD 10 - 13	H139	0001 - 3611 (35845 - 61646)	6.5	2	HD 10 HD 12	1.7 l* 2 l*	1	
		3612 - 9999	61	2	HD 13	2.2 l*	1	

 * Lifetime filling Due to possible technical changes, please always compare with the information in the instruction manual.







Machine type Model		Series range NEW/old	Gear Oil 85W90 Container size 5 I Part No. 2065030		Hydraulic Oil Container size 20 Part No. 2065028	Container size 20 I	
, , , , , , , , , , , , , , , , , , ,			Capacity	Quantity	Capacity	Quantity	
3516	H161	0001 - 0296 (43553 - 50683) 0297 - 9999 (50764 - 99999)	141	3	50	3	
	H176	0001 - 9999	141	3	50	3	
	H215	0001 - 9999	141	3	50 I	3	
	H161	0001 - 0296 (43553 - 50683)	141	3	50	3	
3518 - 3520	ПОТ	0297 - 9999 (50764 - 99999)	141	3	301	3	
	H176	0001 - 9999	141	3	50 I	3	
	H215	0001 - 9999	141	3	50	3	
H18i - H20i	H202	0001 - 9999	17.5 l	4	85 I	5	
3625	H162	0001 - 9999	14	3	50	3	
	H177	0001 - 9999	14	3	50	3	
H25i	H203	0001 - 9999	17.5	4	85	5	
DV 3	H120	1210 - 9999 (42376 - 99999)			60	3	
DV 6.4	H143	0002 - 9999 (37647 - 99999)	11	1	601	3	
DV 6.4 PVC	H150	0001 - 9999 (40398 - 43441)	11	1	601	3	
DV 6 Super	H156	0001 - 9999 (43442 - 99999)	11	1	601	3	
DV 8.4	H138	0292 - 9999 (37863 - 99999)			66	4	
DV 8.4 PVC	H151	0001 - 9999 (40401 - 99999)			65 I	4	
DV 8 Super	H157	0001 - 9999 (43483 - 99999)			65 I	4	
DV 40	H164	0001 - 9999			301	2	
DV 70	H165	0001 - 9999			45 I	3	
2010	H191	0001 - 9999			701		
DV 90	H166	0001 - 9999			45	3	
	H192	0001 - 9999					
HD 8 VV,	H170	0001 - 9999			261	2	
HD 10C VV	H199	0001 - 9999			261	2	
HD 10/12	H171	0001 - 9999			281	2	
	H200	0001 - 9999			261	2	
HD 13/14	H172	0001 - 9999			551	3	
UD 10 12	H201	0001 - 9999 0001 - 3611 (35845 - 61646)			33	2	
HD 10 - 13	H139	3612 - 9999			35	2	

Due to possible technical changes, please always compare with the information in the instruction manual.





LUBRICANT REQUIREMENTS WHEN USING ORIGINAL WIRTGEN GROUP LUBRICANT CONTAINERS

Machine type	Model	Series range NEW/old	Engine Oil Container Part No. 20	size 5 l	e 5 I Container size 5 I			
			Capacity	Quantity	Drum type	Capacity	Quantity/ Drum	
	H152	0001 - 9999 (41527 - 99999)	10 I	2	HD 70 Vibration, undivided HD 75 Vibration, undivided	9.5 I 11 I	2	
HD 70 - 75	H173	0001 - 9999	10	2	HD 70 Vibration, undivided HD 75 Vibration, undivided	7 I 9 I	2	
	H187	0001 - 9999	10	2	HD 70 Vibration, undivided HD 75 Vibration, undivided	7 I 9 I	2	
HD 85 - 100 (F4L 912)	H122	0083 - 9999 (32959 - 99999)	10 I	2	Vibration	10	2	
HD 85 - 100 (BF4L 913)	H122	0083 - 9999 (32959 - 99999)	12	3	Vibration	10	2	
	11450	0001 - 0924 (40961 - 50612)	12.5	3	HD 90 divided HD 90/110 Vibration, undivided	2.4 I 11 I	1 3	
LID 00 440	H153	0925 - 9999 (60175 - 99999)	9.5	2	HD 90 divided HD 90/110 Vibration, undivided	2.4 I 11 I	1 3	
HD 90 - 110	H174	0001 - 9999	9.5	2	HD 90 divided HD 90/110 Vibration, undivided	2.8 I 9 I	1 2	
	H181	0001 - 9999	11.5	3	HD 90 divided HD 90/110 Vibration, undivided	2.81	1 2	
HD 90-100	H185	0001 - 9999	11.5	3	HD 90/110 Vibration, undivided	6.51	2	
	H163	0001 - 0924 (40961 - 50612)	12.5	3	HD 120/130 Vibration			
HD 120 - 130	птоз	0184 - 9999 (60185 - 99999)	9.51	2	HD 120/130 Vibration	3.21	1	
	H175	0001 - 9999	9.51	2	HD 120/130 Vibration			
	H182	0001 - 9999	11.5	3	HD 120/130 Vibration			
	H275	0001 - 9999	9.5	2	HD 120/130 Vibration	4.5.1	4	
		0001 - 0053	11.5	3	HD 120 Vibration HD 140 Vibration	4.5 l 5.5 l	1	
HD 120 - 140	H184				HD 120 Vibration	10.51	3	
		0054 - 9999	11.5	3	HD 140 Vibration	13	3	
HD14 TT	H196	0001 - 9999	51	1	Tyre			
חטו4 וו	H208	0001 - 9999	9.51	2	Tyre			
	H168	0001 - 0014 (49181 - 60170)	12.5	3	Tyre			
HD 150 TT	11100	0015 - 9999 (60171 - 99999)	9.5	2	Tyre			
	H183	0001 - 9999	9.51	2	Tyre			
0511115	H193	0001 - 9999	11.5	3	Tyre			
GRW 10 - 18 (Cummins)	H114	0693 - 0992 (37492 - 41877)	91	2	Tyre			
GRW 10 - 18 (BF4M1013E)	H114	0993 - 1708 (42394 - 50542)	12.5	3	Tyre			
GRW 10 - 18 (BF4M2012C)	H114	1709 - 9999 (50669 - 99999)	9.5	2	Tyre			
	H178	0001 - 9999	9.5	2	Tyre			
GRW 10 - 24 (TCD 2012)	H190	0001 - 9999	11.5	3	Tyre			
GRW 280	H195	0001 - 9999	11.5	3	Tyre			
HW 90	H123	0522 - 0862 (37702 - 61367)	10.5	3	Static			
		0862 - 9999	10	2	Static			

Due to possible technical changes, please always compare with the information in the instruction manual.







Machine type Model Series r		Series range NEW/old	Gear Oil 85W90 Container size 5 I Part No. 2065030		Hydraulic Oil Container size 20 I Part No. 2065028		
			Capacity	Quantity	Capacity	Quantity	
110.7075	H152	0001 - 9999 (41527 - 99999)			50	3	
HD 70 - 75	H173 H187	0001 - 9999 0001 - 9999			45 I 45 I	3	
HD 85 - 100 (F4L 912)	H122	0083 - 9999 (32959 - 99999)			70	4	
HD 85 - 100 (BF4L 913)	H122	0083 - 9999 (32959 - 99999)			70	4	
		0001 - 0924 (40961 - 50612)					
HD 90 - 110	H153	0925 - 9999 (60175 - 99999)			70	4	
	H174	0001 - 9999			55 I	3	
	H181	0001 - 9999			55 I	3	
HD 90 - 110	H185	0001 - 9999			40 I	2	
	H163	0001 - 0924 (40961 - 50612)			70	4	
HD 120 - 130		0184 - 9999 (60185 - 99999)			701	7	
	H175	0001 - 9999			55 I	3	
	H182	0001 - 9999			55 I	3	
	H275	0001 - 9999					
HD 120 - 140	H184	0001 - 9999			40	2	
HD 14 TT	H196	0001 - 9999			55	3	
110 14 11	H206	0001 - 9999			33	2	
	H168	0001 - 0014 (49181 - 60170)			55 I	3	
HD 150 TT		0015 - 9999 (60171 - 99999)					
	H183	0001 - 9999			55	3	
	H193	0001 - 9999			55 I	3	
GRW 10 - 18 (Cummins)	H114	0693 - 0992 (37492 - 41877)	11.5	3	33.7	2	
GRW 10 - 18 (BF4M1013E)	H114	0993 - 1708 (42394 - 50542)	11.5	3	33.7	2	
GRW 10 - 18 (BF4M2012C)	H114	1709 - 9999 (50669 - 99999)	11.5	3	33.7	2	
(31 111120120)	H178	0001 - 9999					
GRW 10 - 24 (TCD 2012)	H190	0001 - 9999	11.5	3	32.7	2	
GRW 280	H195	0001 - 9999	161	4	80 I	4	
HW 90	H123	0522 - 0862 (37702 - 61367) 0862 - 9999	5.6	2	60	3	

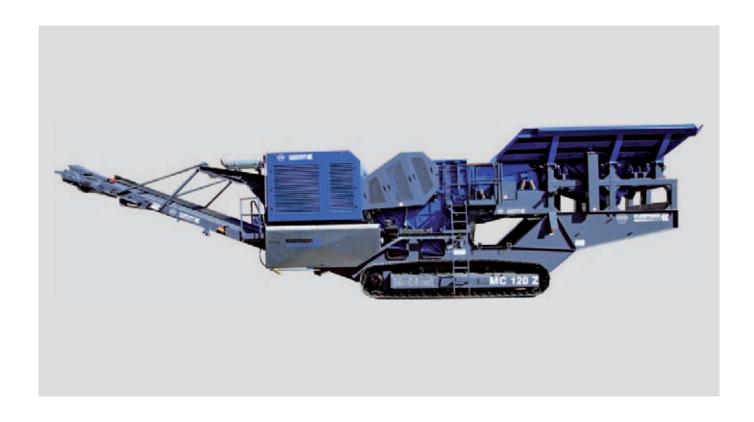
 $\label{thm:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$







KLEEMANN GMBH CRUSHING AND SCREENING SYSTEMS FOR NATURAL STONE AND RECYCLING



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	Perforated plates Slotted screens Screens Water system Electrical accessories Filters and service packages for filters Filter elements Service packages for filters



ORIGINAL KLEEMANN BLOW BARS



To keep your wear costs low, we have the right blow bars for all your applications. From manganese for use in most standard applications in limestone and recycling, through martensitic steel with or without ceramic inserts for longer service life even in harder applications, to chromium steel, also with ceramic inserts for particularly abrasive applications.



Blow bar description	Properties				
Manganese	Tough, break-proof; strain hardening with compression and impact load, economical	Not for abrasive wear			
Martensitic steel	Good combination of toughness and hardness, recommended for recycling applications	Breakage risk with extreme iron content			
Martensitic steel + Ceramic inserts	Longer service lives than martensitic blow bars, best wear properties in case of grinding and friction wear	Breakage risk with extreme iron content (construction steel > 20 mm)			
Chrome steel + Ceramic insert	High chromium alloy with ceramic inserts, for very high abrasion loads	Increased breakage risk with iron content and high feed size			

ORIGINAL KLEEMANN X-SHAPE BLOW BARS

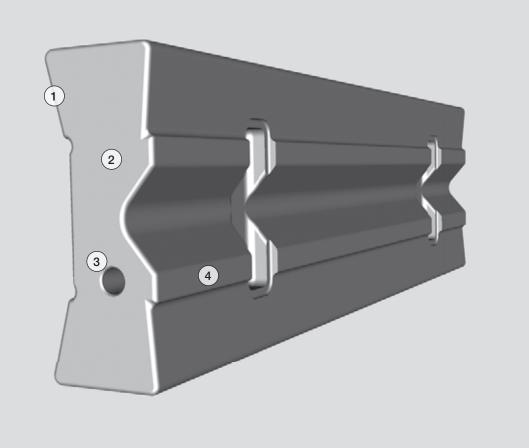




A good crushing result needs the best blow bars

The wear on the blow bars in impact crushers is affected by both the selection of the crushing parameters and the properties of the feed material, as well as by the shape of the blow bars and the material used for the blow bars. Thanks to the high utilisation factor and the high degree of variability of our blow bars, you can achieve maximum availability for your machine.

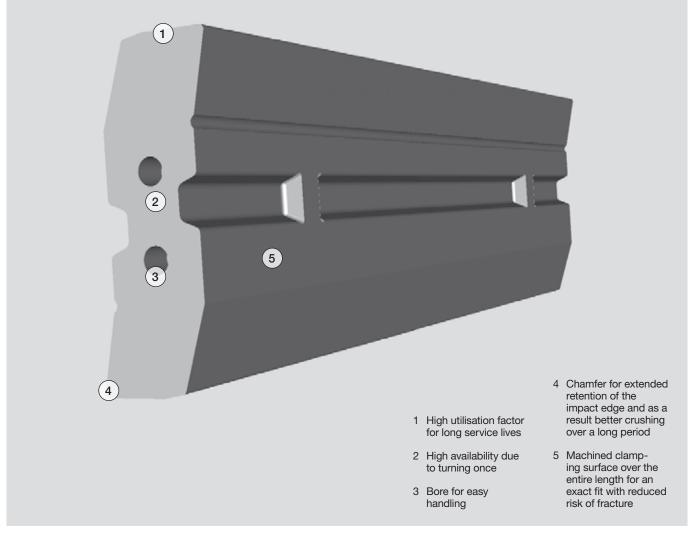
- Chamfer for extended retention of the impact edge and as a result better crushing over a long period
- 2 High availability due to turning once
- 3 Bores for easy and quick handling
- 4 Machined seat surface over the entire length for an exact fit



ORIGINAL KLEEMANN S-SHAPE BLOW BARS

The blow bars are the main component of the crusher. In order to keep wear low and to achieve an optimal crushing process, the blow bars have been further optimized based on practical experience. This has resulted in an increased utilisation factor and, in conjunction with the clamping system, more play-free retention.





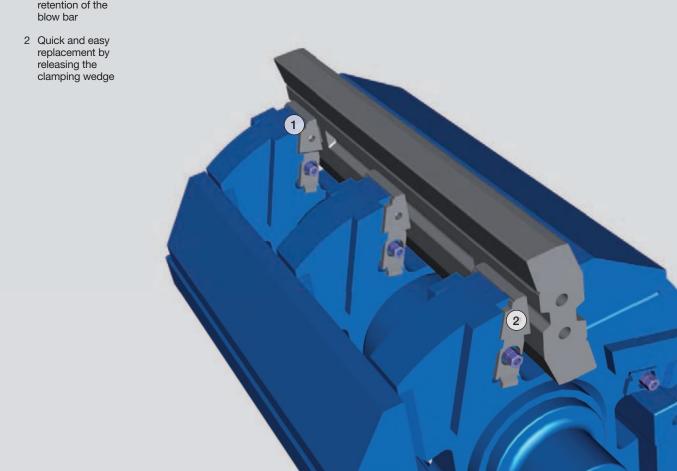




Reduced risk of fracture due to secure retention free of play

With the new retention system for the S-SHAPE blow bars, Kleemann has developed a system with which the blow bars are retained free of play. As a result the risk of blow bar fractures and the related costs can be reduced to a minimum. It has also been possible to make handling during maintenance easier and quicker. The blow bar can be changed from above by simply releasing the clamping wedge, practical.

 Retention system for play-free retention of the blow bar

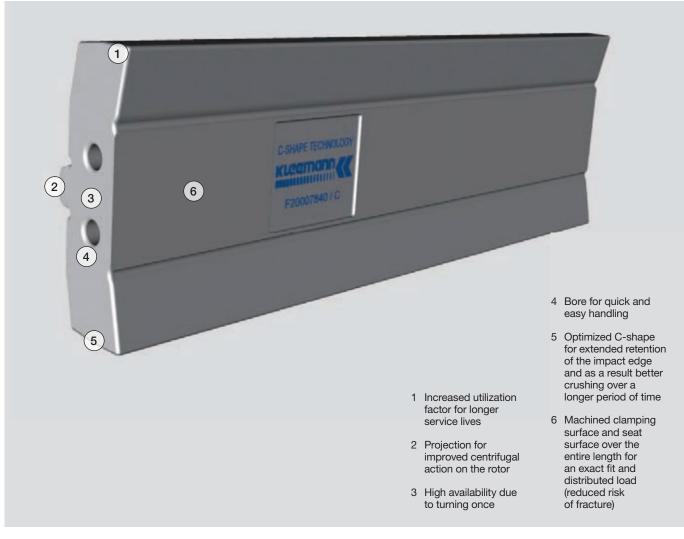




ORIGINAL KLEEMANN BLOW BARS C-SHAPE TECHNOLOGY

On the latest generation of Kleemann blow bars with C-SHAPE TECHNOLOGY we have once again further optimized the shape and the utilization factor, and matched the bars to the individual crusher components, particularly the rotor.





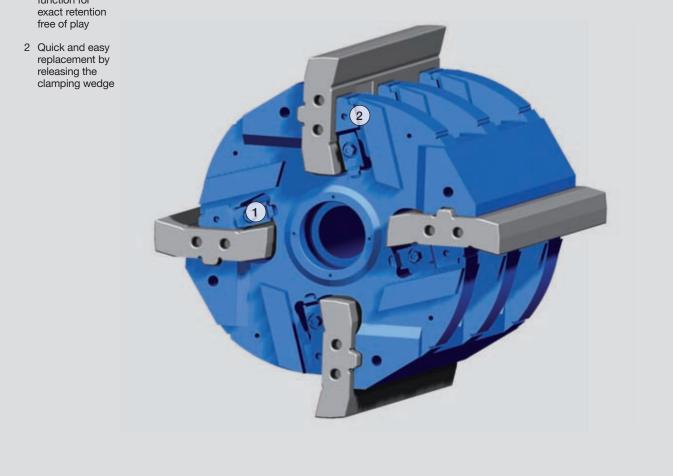




Optimized retention system for exact retention

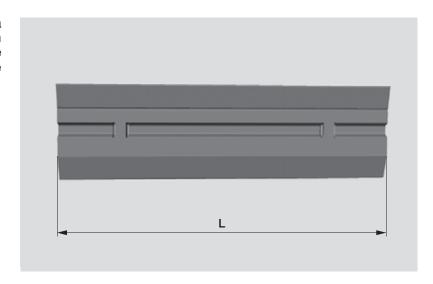
Particularly on very hard blow bars, the method of fastening the blow bar plays a major role. With the new C-SHAPE TECHNOLOGY blow bars the retention system has once again been further developed. As a consequence the risk of blow bar fracture is reduced. As a result particularly the service life of expensive ceramic blow bars and chromium blow bars can be lastingly increased.

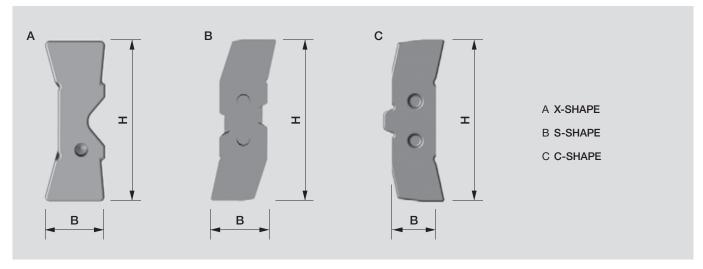
1 Modified retention function for exact retention



ORIGINAL KLEEMANN BLOW BARS

The information provided below gives you a basic overview of the best blow bar selection for your applications. Our customer service organisation will be pleased to provide more detailed information.





	Feed m	Feed material								
Material	Gravel	Limestone < 150 N/mm	Limestone > 150 N/mm	Hard rock/ basalt/ granite	Asphalt	Concrete	Building rubble	Low iron content	High iron content	
Manganese										
Martensitic steel										
Martensitic steel + Ceramic inserts	S			S						
Chrome steel + Ceramic insert	S			S						
Highly recomme	ended	Recomme	nded	Not suitab	ole	S = Secondary	crushing			



				Material version					
Machine type	Model	Series range NEW/old	Blow bar shape	Dimensions W x H x L (mm)	Manga- nese	Martensitic steel	Martensitic steel + Ceramic insert	Chrome steel	Chrome steel + Ceramic inserts
MR 100 R	K012	0001 - 9999 (395178 - 9999999)	X-SHAPE	130x340x1000	F10039722	F10327412	F10408402		F10620222
MR 100 Z	K013	0001 - 9999 (4061588 - 999999)	X-SHAPE	130x340x1000	F10039722	F10327412	F10408402		F10620222
MR 110 R EVO	K016	0001 - 9999	C-SHAPE	90x360x1080	F20013343	F20007840	F20011044		2219822
MR 110 Z EVO	K017	0001 - 9999	C-SHAPE	90x360x1080	F20013343	F20007840	F20011044		2219822
MR 122 Z	K062	0001 - 9999 (395383 - 9999999)	X-SHAPE	130x340x1250	F10038791	F10308431	F10356771		
MR 130 R	K023	0001 - 0199 (430049 - 9999999)	S-SHAPE	130x370x1280	F10343421	F10330751	F10408421	2191368	F20006171
MR 130 R EVO	NOZO	0300 - 9999	C-SHAPE	100x370x1280	F20013344	F20010951	F20011039	2196048	2200201
MR 130 Z	K024	0001 - 0299 (421199 - 9999999)	S-SHAPE	130x370x1280	F10343421	F10330751	F10408421	2191368	F20006171
MR 130 Z EVO	NU24	0300 - 9999	C-SHAPE	100x370x1280	F20013344	F20010951	F20011039	2196048	2200201
MR 150 Z	K063	0001 - 9999 (400483 - 9999999)	X-SHAPE	135x370x1500	F10214341	F10364061	F10408391		



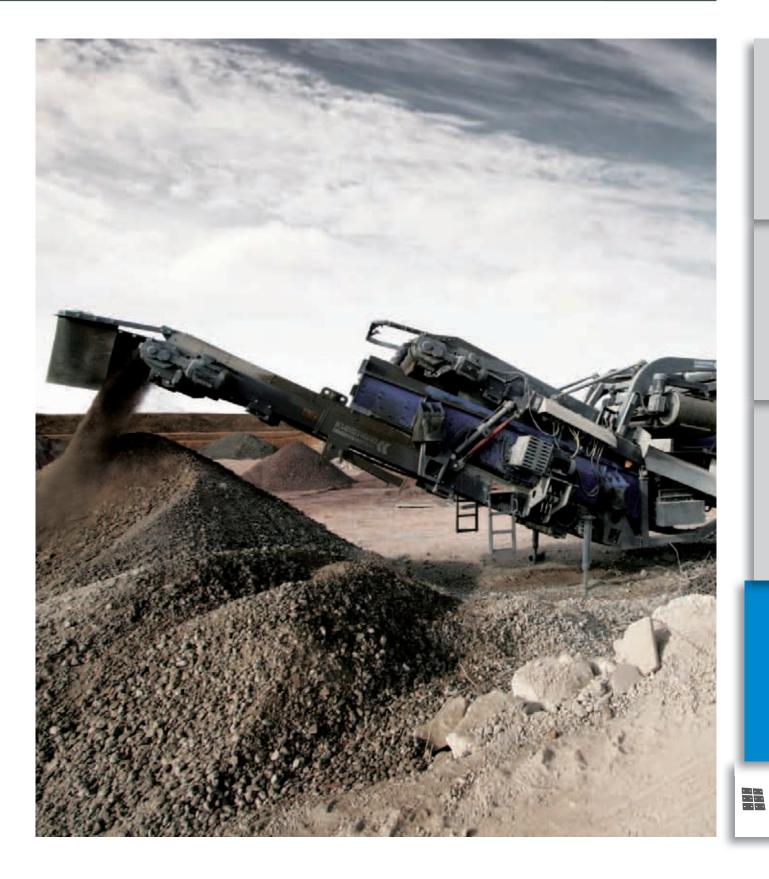
ORIGINAL KLEEMANN SERVICE PACKAGES FOR IMPACT PLATES

To protect the bottom impact toggle against premature wear and to further increase the service life, high strength wear plates – which can be replaced individually – are fitted in the bottom part of the impact toggle, which is highly stressable.

The service package contains both the impact plates that you need as well as all the fastening material.



Machine type	Model	Series range	Manganese impact plate set	Martensitic impact plate set					
Machine type	Model	NEW/old	Part No.	Part No.					
MR 110 R EVO	K016	0001 - 9999	2274596	2277483					
MR 110 Z EVO	K017	0001 - 9999	2274596	2277483					
MR 122 Z	K062	0001 - 9999 (395383 - 9999999)	2274599						
MR 130 R, MR 130 R EVO	K023	0001 - 0199 (430049 - 9999999)	2274600	2277481					
		KU23	NU23	NU23	NU23	NU23	NU23	N023	0200 - 9999
MR 130 Z, MR 130 Z EVO	K024	0001 - 0299 (421199 - 9999999)	2274600	2277481					
		0300 - 9999	2274601	2277486					

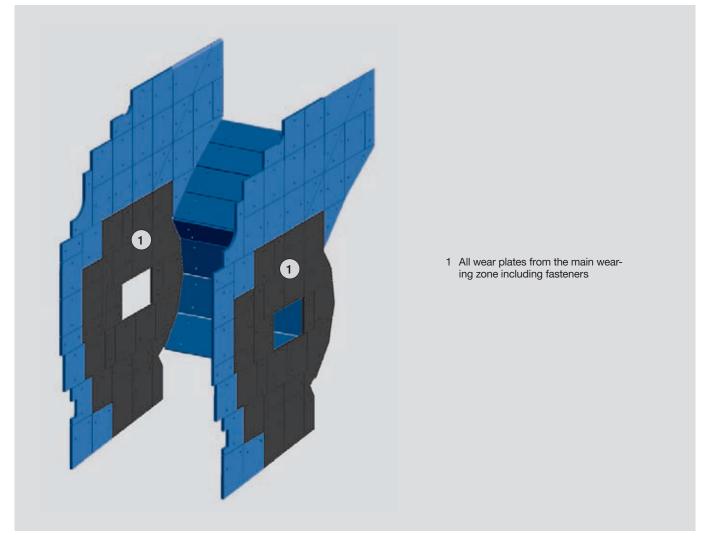


ORIGINAL KLEEMANN SERVICE PACKAGES WEAR PLATES FOR CRUSHER HOUSINGS

To protect the expensive crusher housing against damage, it is completely lined with wear-resistant plates. The wear load may vary significantly within the housing. Increased wear is to be expected particularly in the zone shown in grey, in the area of direct impacts from the rotor.

With the service package you will receive all abrasion plates from the main wearing zone including all the necessary mounting material.









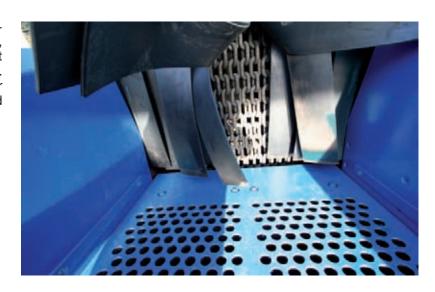
Service package wear cladding for the crusher housing						
Machine type	Model	Series range NEW/old	Part No.			
MR 100 R	K012	0001 - 9999 (395178 - 9999999)	F60000008			
MR 100 Z	K013	0001 - 9999 (4061588 - 999999)	F60000008			
MR 110 R EVO	K016	0001 - 9999	F20012132			
MR 110 Z EVO	K017	0001 - 9999	F20012132			
MR 122 Z	K062	0001 - 9999 (395383 - 9999999)	F60000009			
MR 130 R,	K023	0001 - 0299 (430049 - 9999999)	F60000010			
MR 130 R EVO	NU23	0300 - 9999	F20011929			
MR 130 Z,	K024	0001 - 0299 (421199 - 9999999)	F60000010			
MR 130 Z EVO	NU24	0300 - 9999	F20011929			



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ORIGINAL KLEEMANN CHAINS AND RUBBER CURTAIN ELEMENTS FOR THE CRUSHER INLET

To seal the crusher housing and as a consequence to prevent material and dust escaping, the crusher inlet is lined with a wear-resistant chain and a fibre-reinforced rubber curtain. The parts are subject to natural wear and tear and should be regularly checked and renewed to protect against material flying out.



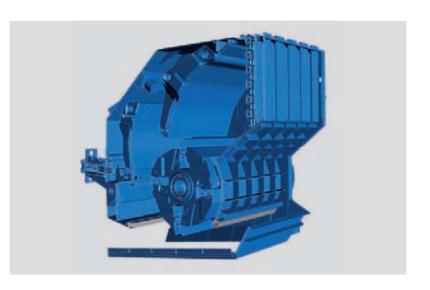
Chains and rubber curtain elements for the crusher inlet								
Machine type	Model	Series range NEW/old	Description	Part No.	Quantity	Description	Part No.	Quantity
MR 100 R	K012	0001 - 9999 (395178 - 9999999)	Rubber curtain element	F10579704	9	Chain	F10331504	18
MR 100 Z	K013	0001 - 9999 (4061588 - 999999)	Rubber curtain element	F10579704	9	Chain	F10331504	18
MR 110 R EVO	K016	0001 - 9999	Rubber curtain element	F10473414	11	Chain	F10473404	18
MR 110 Z EVO	K017	0001 - 9999	Rubber curtain element	F10473414	11	Chain	F10473404	18
MR 122 Z K062	0001 - 9999	Rubber curtain	F10503364	14	Chain	F10503394	20	
	1002	(395383 - 9999999)	element	1 1000001		Chain	F20000489	16
MR 130 R	K023	0001 - 0199 (430049 - 9999999)	Rubber curtain element	F10473414	14	Chain	F10473404	21
MR 130 R EVO	NOZO	0200 - 9999	Rubber curtain element	F20011339	13	Chain	F20002132	21
MR 130 Z,	K024	0001 - 0299 (421199 - 9999999)	Rubber curtain element	F10473414	14	Chain	F10473404	21
MR 130 Z EVO	1.024	0300 - 9999	Rubber curtain element	F20011339	13	Chain	F20002132	21
MR 150 Z	K063	0001 - 9999	Rubber curtain	E4000E055		Chain	F10253714	24
MR 150 Z	K063	(400483 - 9999999)	0483 - 9999999) Rubber curtain F10365633	1	Chain	F10265244	20	





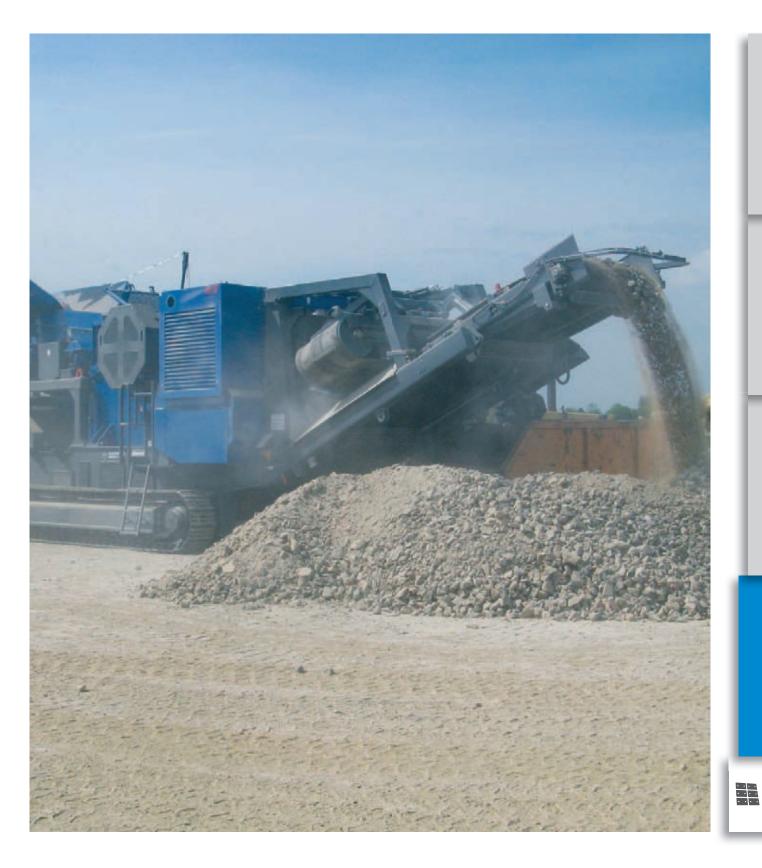
ORIGINAL KLEEMANN IMPACT BARS

The impact bar dampens the impact of the crushed material on the conveyor belt and the channel and is subject to extreme loads. Therefore Kleemann only uses impact bars made of extremely wear-resistant material. The precise shape of the connection ensures replacement is quick on fitting.



Machine type	Model	Series range NEW/old	Description	Part No.	Description	Part No.
MR 100 R	K012	0001 - 9999 (395178 - 9999999)	Rear impact bar	F10293604	Front impact bar	F10293614
MR 100 Z	K013	0001 - 9999 (4061588 - 999999)	Rear impact bar	F10293604	Front impact bar	F10293614
MR 110 R EVO	K016	0001 - 9999	Rear impact bar	F20010151	Front impact bar	F20010151
MR 110 Z EVO	K017	0001 - 9999	Rear impact bar	F20010151	Front impact bar	F20010151
MR 122 Z	K062	0001 - 9999 (395383 - 9999999)	Rear impact bar	F10501494	Front impact bar	F10501494
MR 130 R,	K023	0001 - 0199 (430049 - 9999999) Rear impact bar F	Poor import hav	E10524824	Event impact hav	F10534824
MR 130 R EVO	N023		F10534824	Front impact bar	F10004624	
MR 130 Z,	K024	0001 - 0299 (421199 - 9999999)	Rear impact bar	F10534824		F10534824
MR 130 Z EVO	NU24	0300 - 9999			Front impact bar	1 10004024
MR 150 Z	K063	0001 - 9999 (400483 - 9999999)	Rear impact bar	F10365564	Front impact bar	F10365564





ORIGINAL KLEEMANN WEAR COMPONENTS FOR CRUSHER HOUSINGS

To ensure downtime due to wear does not cause a bottleneck

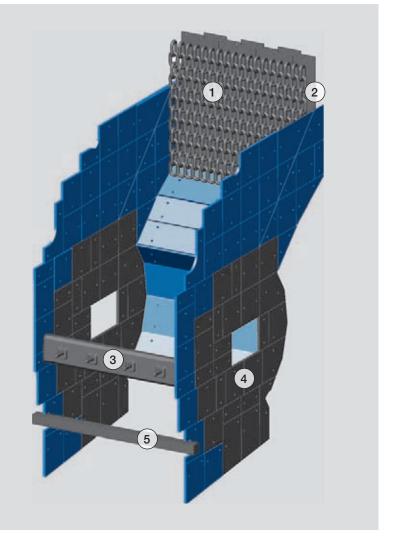
The wear packages assembled by our experts are perfectly matched to your machine and include the most important wearing components for the crusher housing and the impact toggle, as well as the related fastening material in one package.

As a consequence you are very well prepared for the replacement of individual parts or for complete maintenance.



- 1 All chain links
- 2 Rubber curtain elements
- 3 Impact plates including fasteners in sets of two or three (depending on machine type)
- 4 All abrasion plates from the main wearing zone including fasteners
- 5 Impact bar



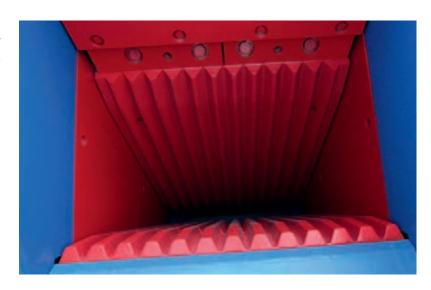


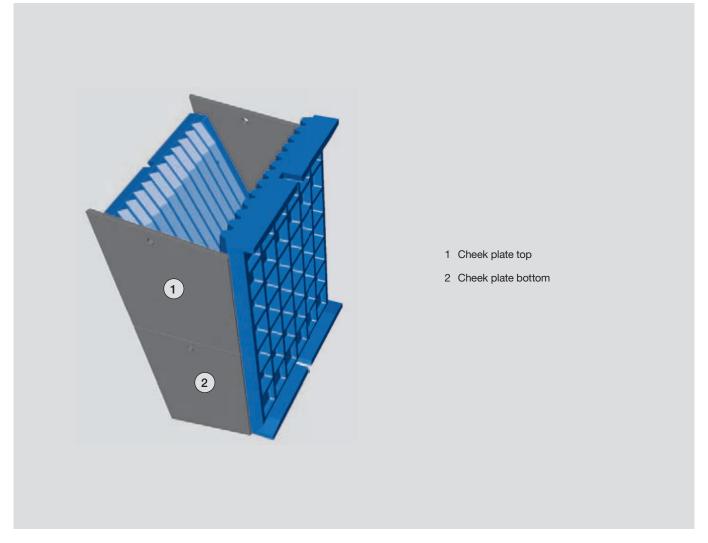


Wear package for impact crusher						
Machine type	Model	Series range NEW/old	Part No.			
MR 100 R	K012	0001 - 9999 (395178 - 9999999)	F10617779			
MR 100 Z	K013	0001 - 9999 (4061588 - 999999)	F10617779			
MR 110 R EVO	K016	0001 - 9999	F60000018			
MR 110 Z EVO	K017	0001 - 9999	F60000018			
MR 122 Z	K062	0001 - 9999 (395383 - 9999999)	F10617399			
MR 130 R,	K023	0001 - 0199 (430049 - 9999999)	F10615839			
MR 130 R EVO		0200 - 9999	F60000017			
MR 130 Z,	K024	0001 - 0299 (421199 - 9999999)	F10615839			
MR 130 Z EVO	K024	0300 - 9999	F60000017			

ORIGINAL KLEEMANN CHEEK PLATES

These cheek plates are made from highly wear-resistant steel to protect the crusher housing. Designed for ease of use, the cheek plates can be assembled without screws, saving valuable dismantling and fitting time.









		Series range	Cheek plate right		Cheek plate left	
Machine type	Model		top	bottom	top	bottom
			Part No.		Part No.	
MC 100 R	K001	0001 - 9999 (400369 - 9999999)	F10350983*		F10350993*	
MC 110 R	K003	0001 - 9999 (491147 - 9999999)	F10377263	F10377283	F10377273	F10377293
MC 110 Z	K004	0001 - 9999 (400757 - 9999999)	F10377263	F10377283	F10377273	F10377293
MC 120 Z	K007	0001 - 9999 (392555 - 9999999)	F20002091	F20002092	F20002093	F20002094
MC 125 Z	K008	0005 - 9999 (4071477 - 9999999)	F10109101	F10109111	F10109101	F10109111

^{*} One-piece



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ORIGINAL KLEEMANN ROTORS

The rotor, which can weigh up to 6.5 tonnes, rotates at high speed in the crusher housing and flings the material that is fed in against the impact toggle.

To maximize service life Kleemann uses 250 kg of welding wire per rotor that is welded using a modern wielding robot. After this, the rotor is given a separate special hard weld deposit to protect it from wear.

In addition to individual rotors, Kleemann offers preassembled ones with a shaft and bearings, which makes assembly much easier and significantly reduces the time needed for installation.







	Machine type	Model	Series range	Rotor	Rotor with shaft and bearings			
	macrimic type	cac.	NEW/old	Part No.	Part No.			
	MR 110 R EVO	K016	0001 - 9999	F20012996	2277221			
	MR 110 Z EVO	K017	0001 - 9999	F20012996	2277221			
	MR 122 Z	K062	0001- 9999 (395383 - 9999999)	F10036880	2277133			
	MR 130 R,	K023	L/coo	K023	0001 - 0199 (430049 - 9999999)	F20002161	2277134	
	MR 130 R EVO		0200 - 9999	F20013070	2277204			
	MR 130 Z, MR 130 Z EVO	K024	K024			0001 - 0299 (421199 - 9999999)	F20002161	2277134
				0300 - 9999	F20013070	2277204		



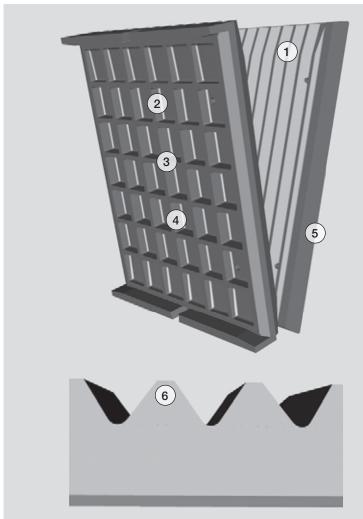
ORIGINAL KLEEMANN CRUSHER JAWS

Innovative steel concept

The crusher jaws should have high compressive strength and resistance to wear due to sliding, while at the same time remaining tough to counteract a possible risk of fracture.

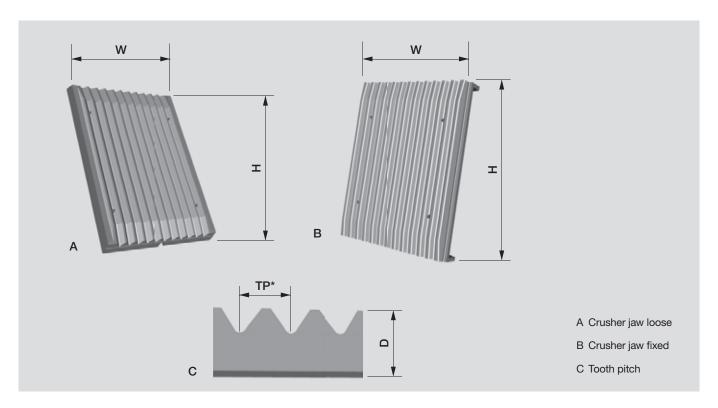
The Kleemann crusher jaws are the result of a new steel concept and meet this requirement in an ideal manner. The material composition and homogeneous precipitation of the patented annealing process are responsible for the even structure with excellent strain hardening, and the balanced relationship between hardness and toughness. The result is a noticeable increase in the service life.





- 1 Special high manganese steel for long service lives
- 2 The honeycomb design reduces the weight and increases the stiffness
- 3 The flat-ground rear wall saves costly removal and fitting time due to the good fit and provides long service lives
- 4 Due to the exact support, damage to the crusher is prevented and the risk of fracture due to the poor distribution of the crushing forces reduced
- 5 The symmetrical shape increases the utilization factor as it can be turned once
- 6 The trapezoid shape is optimally balanced in relation to service life and fracture pressure and as a result ensures long service lives and a good crushing result





		Series range NEW/old	Moving crusher jaw			Fixed crusher jaw		
Machine type	Model		Part No.	Dimensions WxHxD (mm)	Tooth pitch	Part No.	Dimensions WxHxD (mm)	Tooth pitch*
MC 100 R	K001	0001 - 9999 (400369 - 9999999)	2241823	980x1466x140	85	2241824	1040x1320x220	85
MC 110 R	K003	0001 - 9999 (491147 - 9999999)	2231194	1080x1530x140	85	2231206	1140x1450x220	85
MC 110Z	K004	0001 - 9999 (400757 - 9999999)	2231194	1080x1530x140	85	2231206	1140x1450x220	85
MC 120Z	K007	0001 - 9999 (392555 - 9999999)	2241825	1170x1750x140	110	2241826	1170x1750x140	110
MC 125 Z	K008	0005 - 9999 (4071477 - 9999999)	F10156711	1220x2280x180	150	F10399811	1300x1860x250	150

^{*} Other tooth pitches and tooth shapes are available on request. Please contact the relevant branch.

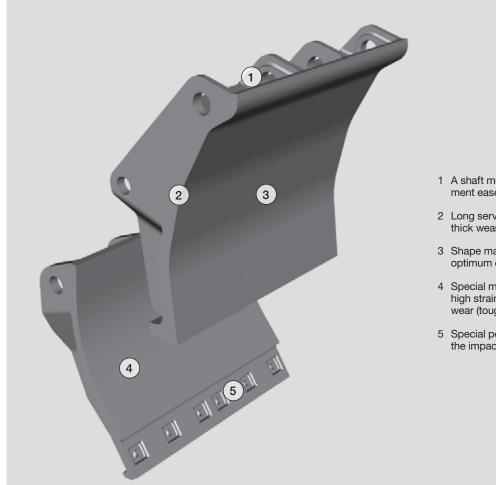


ORIGINAL KLEEMANN IMPACT TOGGLES IN MONOBLOCK DESIGN

Impact toggles are subjected to a constant load in operation. Along with factors such as the feed material, rotor speed and gap setting, above all the correct choice of materials plays a major role in the wear.

Kleemann uses only high manganese steels with excellent strain hardening on the impact toggles for high resistance to wear.





- 1 A shaft mounting checked for correct alignment eases fitting on the construction site
- 2 Long service lives thanks to thick wearing coating
- 3 Shape matched to the rotor and inlet area for optimum crushing result, even with heavy wear
- 4 Special manganese steel casting with very high strain hardening for high resistance to wear (tough core minimizes risk of fracture)
- 5 Special pockets for retaining cams ensure the impact plates are optimally retained



Mashinahana	Madal	Series range	Impact toggle		
Machine type	Model	NEW/old	top	bottom	
MR 100 R	K012	0001 - 9999 (395178 - 999999)	F10322171	F10322161	
MR 100 Z	K013	0001 - 9999 (4061588 - 999999)	F10322171	F10322161	
MR 110 R EVO	K016	0001 - 9999	F20009826	F20009852	
MR 110 Z EVO	K017	0001 - 9999	F20009826	F20009852	
MR 122 Z	K062	0001 - 9999 (395383 - 9999999)	F10501501	F10501511	
MR 130 R,	K023	0001 - 0299 (430049 - 9999999)	F10329091	F10483791	
MR 130 R EVO		0300 - 9999	F20011752	F20011758	
MR 130 Z, MR 130 Z EVO	K024	0001 - 0299 (421199 - 9999999)	F10329091	F10483791	
	K024	0300 - 9999	F20011752	F20011758	

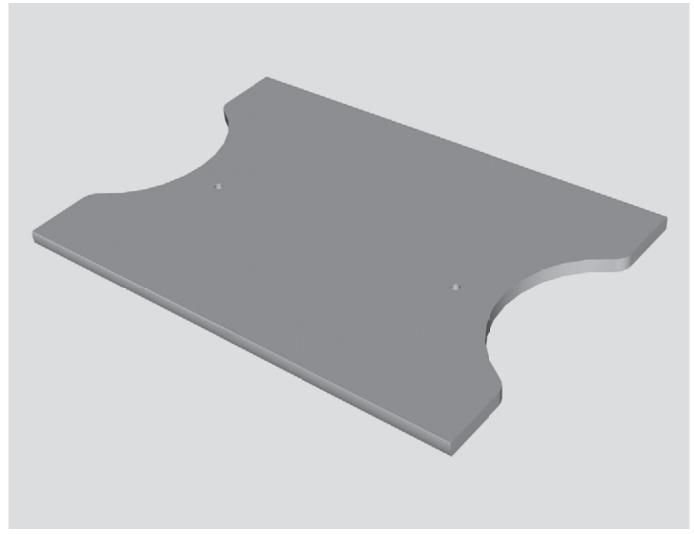
ORIGINAL KLEEMANN BEARING BLOCKS

Crusher overload protection

The bearing block is used to protect the crusher against materials that cannot be processed, e.g. pieces of steel. If an overload occurs, the bearing block protects the crusher against damage and expensive consequential loss.

Thanks to their special geometry and their manufacture from special steel, the original Kleemann bearing blocks are optimally designed for the forces in the crusher.







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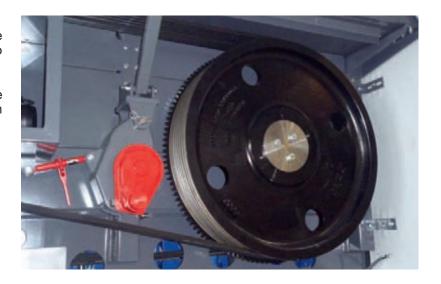


Machine type	Model	Series range	Bearing block	
Machine type	Model	NEW/old		
MC 100 R	K001	0001 - 9999 (400369 - 9999999)	F10351413	
MC 110 R	K003	0001 - 9999 (491147 - 9999999)	F10377373	
MC 110 Z	K004	0001 - 9999 (400757 - 9999999)	F10377373	
MC 120 Z	K007	0001 - 9999 (392555 - 9999999)	F20013755	
MC 125 Z	K008	0005 - 9999 (4071477 - 9999999)	F10264034	

ORIGINAL KLEEMANN POWER BELTS

Optimal power transmissionThe high-performance narrow V-belts are specially designed for large drives subject to heavy loads.

The low-elongation material has a high tensile strength and also provides extremely high abrasion and wear resistance.







Markingham	Madel	Series range	Narrow V-belt		
Machine type	Model	NEW/old	Part No.	Quantity	
MR 100 Z	K013	0001 - 9999 (4061588 - 999999)	M10015185	6	
MR 110 Z EVO	K017	0001 - 9999	M10005378	8	
MR 122 Z	K062	0001 - 9999 (395383 - 9999999)	M10001690	10	
MR 130 R, MR 130 R EVO	K023	0001 - 0199	M00211032	10	
		0200 - 9999	M00211041	10	
MR 130 Z,	K024	0001 - 0299 (421199 - 9999999)	M00211032	10	
MR 130 Z EVO		0300 - 9999	M00211041	10	
MC 100 R	K001	0001 - 9999 (400369 - 9999999)	M00211423	8	
MC 110 Z	K004	0001 - 9999 (400757 - 9999999)	M00211423	10	
MC 120 Z	K007	0001 - 9999 (392555 - 9999999)	M10002720	10	
MC 125 Z	K008	0005 - 9999 (4071477 - 9999999)	M00211050	10	

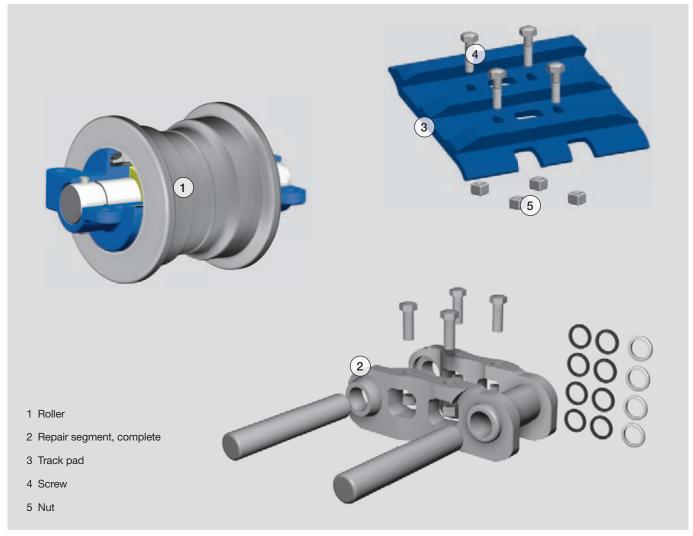


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ORIGINAL KLEEMANN CRAWLER UNIT PARTS

Original Kleemann crawler unit tracks fulfill all of your needs, such as the highest levels of strength and long service lifes even under extreme load and the heavy weight of Kleemann systems.







Machine type	Model	Series range NEW/old	Crawler unit parts	Part No.
			Repair segment, complete	M10013851
			Track pad	M10020125
MC 100 R	K001	0001 - 09999 (400369 - 9999999)	Track roller	M10005184
			Bolt	M10013853
			Nut	M10013854
			Repair segment, complete	M10013856
			Track pad	M10022270
		0001 - 0206	Track roller	M10006890
			Bolt	M10013858
MO 440 D	14000		Nut	M10013857
MC 110 R	K003		Repair segment, complete	2223165
		0207 - 9999	Track pad	2223164
			Track roller	M10005184
			Bolt	2279277
			Nut	2279279
			Repair segment, complete	M10013856
			Track pad	M10022270
		0001 - 0221	Track roller	M10006890
			Bolt	M10013858
MC 110 Z	K004		Nut	M10013857
MC 110 Z	K004		Repair segment, complete	2223165
			Track pad	2223164
		0222 - 9999	Track roller	M10005184
			Bolt	2279277
			Nut	2279279
			Repair segment, complete	M10013860
			Track pad	M20001140
MC 120 Z	K007	0001 - 9999 (392555 - 9999999)	Track roller	M10005300
		,	Bolt	M10013862
			Nut	M10013861

ORIGINAL KLEEMANN CRAWLER UNIT PARTS

Machine type	Model	Series range NEW/old	Crawler unit parts	Part No.
			Repair segment, complete	M10016749
			Track pad	M10022058
MR 100 R	K012	0001 - 9999 (395178 - 9999999)	Track roller	M10012358
			Bolt	M10017665
			Nut	M10017666
			Repair segment, complete	M10016749
			Track pad	M10022058
MR 100 Z	K013	0001 - 9999 (4061588 - 999999)	Track roller	M10012358
			Bolt	M10017665
			Nut	M10017666
			Repair segment, complete	M10013856
	K016	0001 - 0003	Track pad	M10022270
			Track roller	M10006890
			Bolt	M10013858
MR 110 R			Nut	M10013857
MRTIUR			Repair segment, complete	2223165
			Track pad	2223164
		0004 - 9999	Track roller	M10005184
			Bolt	2279277
			Nut	2279279
			Repair segment, complete	M10013856
			Track pad	M10022270
		0001 - 0028	Track roller	M10006890
			Bolt	M10013858
MD 110.7	V047		Nut	M10013857
MR 110 Z	K017		Repair segment, complete	2223165
			Track pad	2223164
		0029 - 9999	Track roller	M10005184
			Bolt	2279277
			Nut	2279279





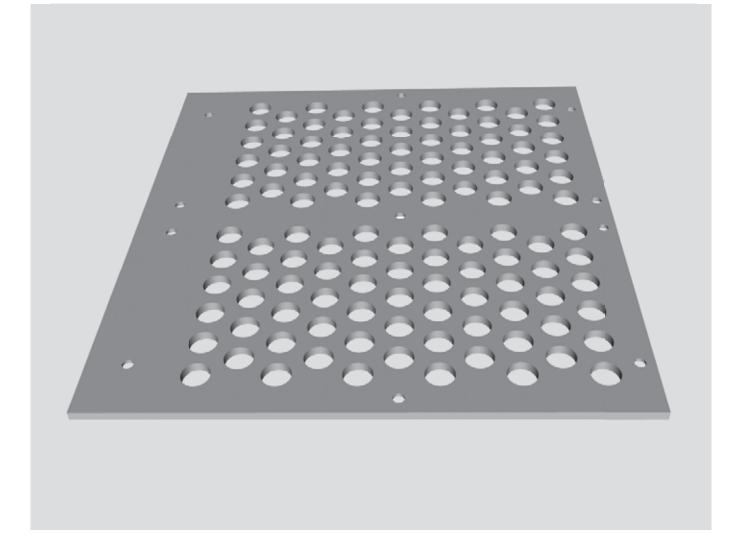
Machine type	Model	Series range NEW/old	Crawler unit parts	Part No.
			Repair segment, complete	M10013860
			Track pad	M20001140
MR 122 Z	K062	0001 - 9999	Track roller	M10005300
			Bolt	M10013862
			Nut	M10013861
			Repair segment, complete	M10013856
			Track pad	M10022270
		0001 - 0199	Track roller	M10006890
			Bolt	M10013858
MD 400 D	14000		Nut	M10013857
MR 130 R	K023		Repair segment, complete	2223165
		0200 - 0201	Track pad	2223164
			Track roller	M10005184
			Bolt	2279277
			Nut	2279279
			Repair segment, complete	M10013856
			Track pad	M10022270
		0001 - 0299	Track roller	M10006890
			Bolt	M10013858
			Nut	M10013857
			Repair segment, complete	M10013856
			Track pad	M10022270
MR 130 Z	K024	0300 - 0330	Track roller	M10006890
			Bolt	M10013858
			Nut	M10013857
			Repair segment, complete	2223165
			Track pad	2223164
		0330 - 9999	Track roller	M10005184
			Bolt	2279277
			Nut	2279279

ORIGINAL KLEEMANN PERFORATED PLATES

To withstand the enormous impact loads and friction loads and to maximize the service life, perforated plates of wear-resistant material are used at Kleeman.

These provide a good combination of high hardness and excellent toughness to keep the wear low with the different loads.







		Carias vanas	Perforated plate				
Machine type	Model	Series range NEW/old	Perforated plate type	Part No.	Average MLW (mm)	Thickness (mm)	
			Charging	F20006019	30	20	
			Discharge	F20006020	30	20	
			Charging	F20006983	40	20	
	1/0/0	0033 - 9999	Discharge	F20006984	40	20	
MR 100 Z	K013	(4060819 - 999999)	Charging	F20003760	50	20	
			Discharge	F20003761	50	20	
			Charging	F20003670	60	20	
			Discharge	F20003671	60	20	
			Charging	F20016177	30	20	
			Discharge	F20016178	30	20	
			Charging	F20007410	35	20	
			Discharge	F20007420	35	20	
			Charging	F20007386	40	20	
		0001 - 9999	Discharge	F20007387	40	20	
	K017		Charging	F20007380	45	20	
MR 110 Z EVO			Discharge	F20007385	45	20	
MR 110 Z EVO			Charging	F20006468	50	20	
			Discharge	F20006469	50	20	
			Charging	F20005644	60	20	
			Discharge	F20005647	60	20	
			Charging	F20003962	70	20	
			Discharge	F20003963	70	20	
			Charging	F20005654	80	20	
			Discharge	F20005653	80	20	
			Charging	F20000349	30	20	
			Discharge	F20000350	30	20	
			Charging	F20006149	40	20	
			Discharge	F20006150	40	20	
			Charging	F20000337	50	20	
			Discharge	F20000338	50	20	
MR 122 Z	K062	0066 - 9999	Charging	F20001548	60	20	
IVII 1 1 1 2 2	1002	(4070316 - 9999999)	Discharge	F20001550	60	20	
			Charging	F20003073	70	20	
			Discharge	F20003074	70	20	
			Charging	2209429	80	20	
			Discharge	2209428	80	20	
			Charging	F20000128	100	20	
			Discharge	F20000129	100	20	

 $\mathsf{MLW} = \mathsf{mesh}\;\mathsf{size}$



ORIGINAL KLEEMANN PERFORATED PLATES

		Carria	Perforated plate			
Machine type	Model	Series range NEW/old	Perforated plate type	Part No.	Average MLW (mm)	Thickness (mm)
			Charging	F20000349	30	20
			Discharge	F20000350	30	20
			Charging	F20006149	40	20
			Discharge	F20006150	40	20
			Charging	F20000337	50	20
			Discharge	F20000338	50	20
		0070 - 0300	Charging	F20001548	60	20
		(421199 - 9999999)	Discharge	F20001550	60	20
			Charging	F20003073	70	20
			Discharge	F20003074	70	20
			Charging	2209429	80	20
			Discharge	2209428	80	20
			Charging	F20000128	100	20
			Discharge	F20000129	100	20
MR 130 Z,			Charging	F20000349	30	20
MR 130 Z EVO	K024		Discharge	F20014479	30	20
			Charging	F20011776	35	20
			Discharge	F20011791	35	20
			Charging	F20006149	40	20
			Discharge	F20014745	40	20
			Charging	F20003946	45	20
		0000 0000	Discharge	F20011771	45	20
		0300 - 9999	Charging	F20000337	50	20
			Discharge	F20011011	50	20
			Charging	F20001548	60	20
			Discharge	F20011768	60	20
			Charging	F20003074	70	20
			Discharge	F20014486	70	20
			Charging	F20001922	80	20
			Discharge	F20011774	80	20

MLW = mesh size





		Coming warning	Perforated plate			
Machine type	Model	Series range NEW/old	Perforated plate type	Part No.	Average MLW (mm)	Thickness (mm)
			Charging	F20016177	30	20
			Discharge	F20016178	30	20
			Charging	F20007386	40	20
			Discharge	F20007387	40	20
			Charging	F20007380	45	20
			Discharge	F20007385	45	20
MC 110 Z	K004	0001 - 9999	Charging	F20006468	50	20
MIC TTU Z	K004	(400757 - 9999999)	Discharge	F20006469	50	20
			Charging	F20005644	60	20
			Discharge	F20005647	60	20
			Charging	F20003962	70	20
			Discharge	F20003963	70	20
			Charging	F20005654	80	20
			Discharge	F20005653	80	20
			Charging	F20017381	60	20
			Discharge	F20017384	60	20
			Charging	F20017390	70	20
			Discharge	F20017391	70	20
			Charging	F20005642	75	20
MC 120 Z	K007	0053 - 9999	Discharge	F20005643	75	20
MIC 120 Z	K007	(4060614 - 9999999)	Charging	F10392474	80	20
			Discharge	F10481824	80	20
			Charging	F20003970	90	20
			Discharge	F20003971	90	20
			Charging	F10536024	100	20
			Discharge	F10536014	100	20

MLW = mesh size

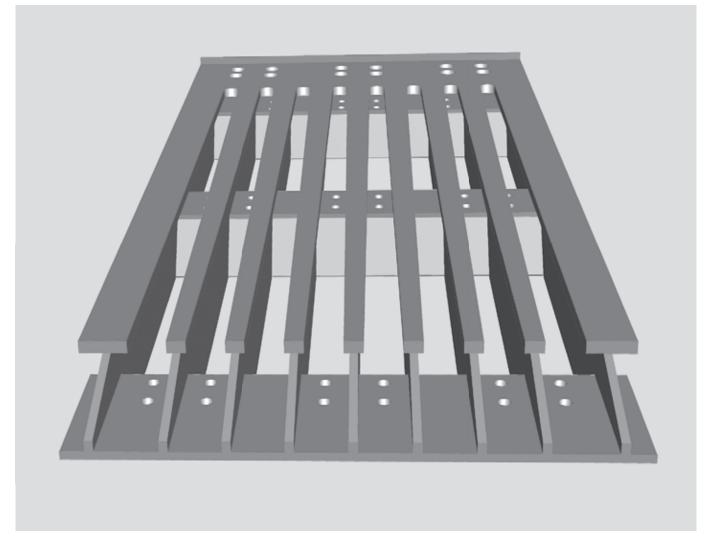


ORIGINAL KLEEMANN SLOTTED SCREENS

In the case of material that is difficult to screen and that is very coarse, a slotted screen is used in the majority of cases.

To increase the service life, the elements of the slotted screen are manufactured from a particularly wear-resistant material.









		Series range	Slotted screen			
Machine type	Model	NEW/old	Part No.	Rod spacing (mm)		
MR 100 Z	K013	0001 - 9999 (4061588 - 999999)	F10410151	45		
MR 110 Z EVO	K017	0001 - 9999	F20003701	55		
MR 122 Z	K062	0001 - 9999	F20018433	45		
IVII 122 Z	1002	(395383 - 9999999)	F20018405	55		
	K024	0001 - 0299	F20018433	45		
MR 130 Z,		(421199 - 9999999)	F20018405	55		
MR 130 Z EVO	NU24	0300 - 9999	F20011673	45		
		0300 - 9999	F20011381	55		
MC 110 Z	K004	0001 - 9999 (400757 - 9999999)	F20003701	55		
MC 120 Z			F20017519	45		
	K007	0001 - 9999 (392555 - 9999999)	F20007126	65		
			F20017522	75		



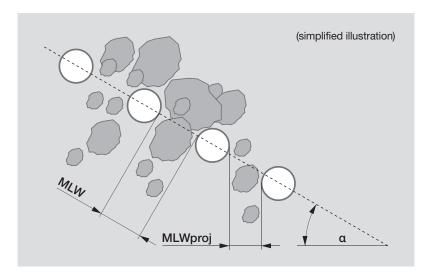
ORIGINAL KLEEMANN WIRE MESH

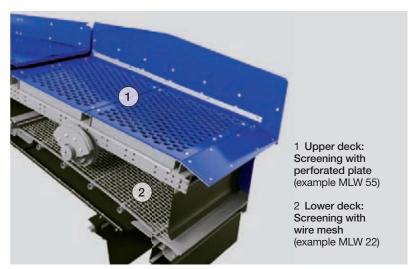
Selection of mesh sizes for required particle sizes

The result of the screening is defined by numerous factors. The most important factors include the shape of the particles, the moisture content and the feed volume. The table provides general figures for the selection of the appropriate mesh size (MLW) for EU standard particle sizes.

The screen tilt (a) reduces the mesh size (MLW) to the projected dimension (MLWproj). For well-defined screening the screen opening should therefore always be a little larger than the particle size required.

During the configuration of a double-deck primary screen the ratio of "screening upper deck to screening lower deck" should not be less than 4:1 to prevent a reduction in the service life of the lower deck screen.





Mobile lower deck process screen (primary screen, prefilter)								
Separation (mm)	Recommended MLW (mm)							
10	12							
15	18							
20	25							
25	30							
30	35							
35	40							
45	50							

 $\mathsf{MLW} = \mathsf{mesh}\;\mathsf{size}$





Mobile classifying screen (Secondary screen)								
Separation (mm)	Recommended MLW (mm)							
8	10							
10	12							
11	15							
16	20							
20	25							
25	30							
30	35							
35	40							
45	50							
56	65							
63	70							

Mobile classifying screen MS series								
Separation (mm)	Recommended MLW (mm)							
4	5							
5	6.3							
6	7.1							
8	10							
10	12.5							
11	13.5							
14	16							
16	18							
20	22.4							
22.4	25							
31.5	35.5							
45	50							
56	60							

MLW = mesh size

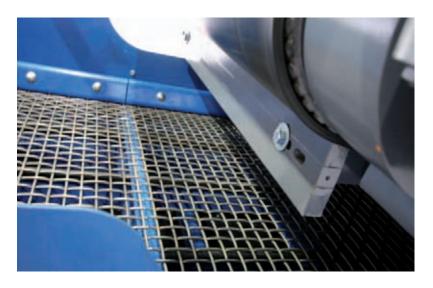


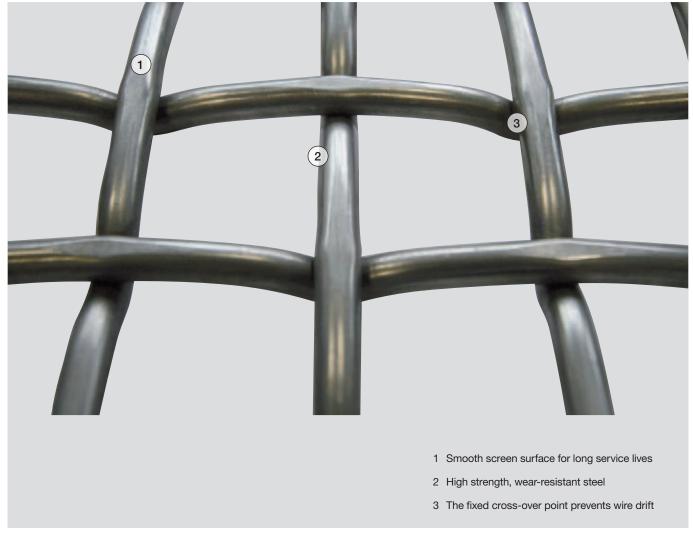
ORIGINAL KLEEMANN WIRE MESH FOR PRESCREENING AND POSTSCREENING UNITS



Effective screening

The screens are subjected to heavy loads in everyday use. To ensure downtime due to wear does not cause a bottleneck and the final product retains the required final particle size, Kleemann uses screens made of particularly wear-resistant steel. Due to the double anchoring at the cross-overs, these screens have an additional fixed cross-over point that prevents wire drift and ensures a constant mesh size.





ORIGINAL KLEEMANN WIRE MESH FOR LOWER DECK PROCESS SCREENS (PRESCREENS)



MR 100 Z K013 0001 - 9999 (4061588 - 999999) MR 100 Z K013 MR 100 Z K014 MR 100 Z K015 MR 100 Z K015 MR 100 Z K017 MR 100 Z B999 MR 100 Z B				Screen*	Screen*				
MR 100 Z K013 (4061588 - 99999) (4061588 - 99999) (4061588 - 99999) (4061588 - 99999) (4061588 - 99999) (4061588 - 99999) (4061588 - 99999) (4061588 - 99999) (4061588 - 99999) (4061588 - 99999) (4061588 - 99999) (4061588 - 99999) (4061588 - 99999) (4061588 - 99999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 9999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (4061588 - 999999) (40610588 - 999999) (40610588 - 999999) (40610588 - 999999) (40610588 - 999999) (40610588 - 9999999) (40610588 - 999999) (40610588 - 9999999) (40610588 - 9999999) (40610588 - 999999) (40610588 - 999999) (40610588 - 9999999) (40610588 - 9999999) (40610588 - 9999999) (40610588 - 999999) (40610588 - 99999999) (40610588 - 9999999) (40610588 - 9999999) (4	Machine type	Model		Part No.					
MR 100 2 K013 (4061588 - 999999) M1001046			0004 0000	M20000350	25	6			
MR 110 Z EVO K017 M001 - 9999 K017 MR 110 Z EVO MR 110 Z EVO K017 MR 110 Z EVO MR 110 MR 1	MR 100 Z	K013		M10016665	35	8			
MR 110 Z EVO K017 MR 110 Z EVO			(4001366 - 999999)	F10410144	Blind rubber				
MR 110 Z EVO K017 MR 130 Z EVO K024 MR 130 Z EVO K024 MR 130 Z EVO MR 130 Z EVO K024 MR 130 Z EVO MR 130 Z EVO K024 MR 130 Z EVO MR 130 Z EVO K024 MR 130 Z EVO K024 MR 130 Z EVO MR 130 Z EVO K024 MR 130 Z EVO MR 130 Z				M20001709	10	4			
MR 110 Z EVO K017 MR 130 Z, MR 130 Z, MR 130 Z EVO MR 130 Z EVO K017 MR 130 Z EVO MR 130				M20001344	15	4			
MR 110 Z EVO K017 MR 110 Z EVO K017 MR 130 Z, MR 130 Z, MR 130 Z EVO MR 130 Z EVO MR 130 Z, MR 130 Z EVO MR 130 Z EVO K017 MR 130 Z EVO MR 130 D AV A M A M A M A M A M A M A M A M A M				M20001376	20	5			
MR 110 Z EVO K017 MR 110 Z EVO K017 MR 130 Z, MR 130 Z, MR 130 Z, MR 130 Z, MR 130 Z EVO MR 130 Z EVO MR 130 Z, MR 130 Z, MR 130 Z, MR 130 Z EVO MR 130 Z, MR 130 Z, MR 130 Z, MR 130 Z EVO MR 130 Z EVO MR 130 Z, MR 130 Z, MR 130 Z, MR 130 Z EVO MR 130 Z EVO MR 130 Z, MR 130 Z, MR 130 Z EVO MR 130 Z EVO MR 130 Z, MR 130 Z, MR 130 Z EVO MR 140				M20000800	25	6			
MR 110 Z EVO R017 M20000315 M20000373 40 8 M20000373 45 8 M20000393 45 8 M2234812 50 10 Blind rubber M10013885 15 4 M100007905 20 5 M10010004 25 6 M20000393 30 8 M2000333 30 8 M20000333 30 8 M2000033 30 8 M2000033 30 8 M2000033 30 8 M2000033 30 8 M10004739 35 8 M10004738 40 8 F10285544 Blind rubber 2234790 12 4 M10010004 25 6 M2000033 30 8 M10007905 15 4 M10007905 15 4 M1000738 40 8 M10007905 15 4 M10007905 16 M2000033 30 8 M10007905 18 4 M10007905 18 M2000033 30 8 M10004739 35 8 M10004738 40 M10016828 55 10 H1016828 55 10 H1016828 H10016828				M20001522	30	8			
MR 122 Z K062 MR 122 Z K062 MR 120 Z	N.D. 110.7.E.VO	14047		M20000632	32	8			
MR 122 Z MR 130 Z, WR 130	MR 110 Z EVO	K017	0001 - 9999	M20000315	35	8			
MR 122 Z MR 122 Z MR 122 Z MR 130 Z, MR 130 Z, MR 130 Z, MR 130 Z EVO MR 130 Z				M20000373		8			
MR 122 Z K062 MR 122 Z									
Reference									
MR 122 Z K062 M10013885 15									
MR 122 Z K062 MR 122 Z						10			
MR 122 Z K062 M001 - 9999						4			
MR 122 Z K062 MR 122 Z									
MR 122 Z MR 120 X MR 122 Z MR 122 Z MR 120 X MR 122 Z MR 120 X MR 122 Z MR 120 Z MR 130 R MR 130 Z MR 130 R MR 130									
MR 122 Z (395383 - 9999999) M10008122 32 8 M10004739 35 8 M10004738 40 8 F10285544 Blind rubber 2234790 12 4 M10007005 18 4 M10007005 18 4 M10007005 20 5 M10010004 25 6 M20000033 30 8 M10004739 35 8 M10004739			0004 0000						
M10004739 35 8 M10004738 40 8 F10285544 Blind rubber 2234790 12 4 M10013885 15 4 M10007005 18 4 M10007005 18 4 M10007005 20 5 M10010004 25 6 M20000033 30 8 M10004739 35 8 M10004739 35 8 M10004739 35 8 M10004738 40 8 M10004738 40 8 M10006092 45 8 M10012445 50 10 M10016328 55 10 MR 130 Z, MR 130 Z, MR 130 Z EVO K024 K024 K024 M10013885 15 4 M10007005 18 4	MR 122 Z	K062							
MR 130 Z, MR 130 Z EVO M10004738 40 8 F10285544 Blind rubber 2234790 12 4 M10013885 15 4 M10007005 18 4 M10007005 20 5 M10010004 25 6 M20000033 30 8 M10008122 32 8 M10004739 35 8 M10004738 40 8 M10006092 45 8 M10012445 50 10 M10016328 55 10 MR 130 Z, MR 130 Z EVO K024 K024 K024 K024 M10013885 15 4 M10007005 18 40 8 M10006092 45 8 M100012445 50 10 M10016328 55 10 M10013885 15 4 M10013885 15 4 M10007005 18 4			(595565 - 9999999)						
F10285544 Blind rubber									
MR 130 Z, MR 130 Z EVO						8			
MR 130 Z, WR 130 Z EVO M10013885 15 4 M10007005 18 4 M10007005 18 M10007905 20 5 M10010004 25 6 M20000033 30 8 M10008122 32 8 M10004739 35 8 M10004739 35 8 M10004738 40 8 M10006092 45 8 M10012445 50 10 M10016328 55 10 MR 130 Z, WR 130 Z EVO K024						4			
MR 130 Z, MR 130 Z EVO M10007005 M10007005 M10007005 M10007005 M10010004 25 M20000033 30 8 M10004739 35 8 M10004739 35 8 M10004738 40 8 M10006092 45 8 M10012445 50 10 M10016328 55 10 MR 130 Z, MR 130 Z EVO									
MR 130 Z, MR 130 Z EVO MR 130 Z EVO MR 130 Z MR 130 Z EVO MR 130 Z EV									
MR 130 Z, MR 130 Z EVO MR 130 Z EVO MR 130 Z EVO MR 130 Z MR 130 Z EVO MR 130 Z EV									
MR 130 Z, MR 130 Z EVO MR 130 Z EVO MR 130 Z EVO MR 130 Z MR 130 Z EVO MR 130 Z EV									
MR 130 Z, MR 130 Z EVO MR 130 Z EVO MO01 - 0299									
(421199 - 9999999) M10008122 32 8			0001 - 0299						
MR 130 Z, MR 130 Z EVO K024 K024 MR 130 Z MR 130 Z EVO K024 K024 MR 130 Z EVO MR 130 Z EVO MR 130 Z EVO MR 130 Z EVO K024 K024 MR 130 Z EVO K024									
MR 130 Z, MR 130 Z EVO K024 K024 K024 M1001692 45 8 M10012445 50 10 M10016328 55 10 F10285544 Blind rubber 2234790 12 4 M10013885 15 4 M10007005 18 4			, ,						
MR 130 Z, MR 130 Z EVO K024									
MR 130 Z, MR 130 Z EVO K024 K024				M10006092					
MR 130 Z, MR 130 Z EVO EVO EVO EVO EVO EVO EVO EVO				M10012445					
MR 130 Z EVO 2234790 12 4 M10013885 15 4 M10007005 18 4				M10016328	55	10			
MR 130 Z EVO 12 4 M10013885 15 4 M10007005 18 4	MR 130 Z,	K024							
M10007005 18 4	MR 130 Z EVO	1.024				4			
				M10013885	15	4			
M10007905 20 5				M10007005	18	4			
				M10007905	20	5			
M10010004 25 6				M10010004	25	6			
M20000033 30 8				M20000033	30	8			
0300 - 9999 M10008122 32 8			0300 - 9999	M10008122	32	8			
M10004739 35 8				M10004739	35	8			
M10004738 40 8				M10004738					
M10006092 45 8				M10006092	45	8			
M10012445 50 10									
M10016328 55 10									
F10285544 Blind rubber									

 $^{^{\}star}$ All other sizes and mesh types are available on request. Please contact the relevant branch. MLW = mesh size



ORIGINAL KLEEMANN WIRE MESH FOR LOWER DECK PROCESS SCREENS (PRESCREENS)



		Series range	Screen*				
Machine type	Model	NEW/old	Part No.	Average MLW (mm)	Wire Ø (mm)		
			M20001709	10	4		
			M20001344	15	4		
			M20001376	20	5		
			M20000800	25	6		
			M20001522	30	8		
MC 110 Z	K004	0001 - 9999	M20000632	32	8		
NIC 1102	N004	(400757 - 9999999)	M20000315	35	8		
			M20000373	40	8		
			M20000393	45	8		
			2234812	50	10		
			2234813	55	10		
			F20003969	Blind rubber			
			M10013885	15	4		
			M10007905	20	4		
			M10010004	25	6		
			M20000033	30	8		
MC 120 Z	K007	0001 - 9999 (392555 - 9999999)	M10008122	32	8		
			M10004739	35	8		
			M10004738	40	8		
			M10012445	50	10		
			F10285544	Blind rubber			

 $^{^{\}star}$ All other sizes and mesh types are available on request. Please contact the relevant branch. MLW = mesh size



ORIGINAL KLEEMANN WIRE MESH FOR CLASSIFYING SCREENS (POSTSCREENS)



		Corioo rongo	Screen						
Machine type	Model	Series range NEW/old	Part No.	Qty.	Part No.	Qty.	Average MLW (mm)	Wire Ø (mm)	
			M10021718	2			25	6	
			2234804	2			30	8	
			M20000147	2			35	8	
1R 100 Z	K013	0001 - 9999	M20000377	2			40	8	
		(4061588 - 999999)	M20000799	2			50	10	
			M20000666	2			55	10	
			M20000148	2			60	10	
			M10021718	2			25	6	
			2234804	2			30	8	
		0044 0000	M20000147	2			35	8	
C 110 Z	K004	0014 - 9999 (3030794 - 9999999)	M20000377	2			40	8	
		(3030794 - 9999999)	M20000799	2			50	10	
			M20000666	2			55	10	
			M20000148	2			60	10	
			2234836	4	2234837	1	10	4	
			M20001524	4	M20001523	1	12	4	
			M20001533	4	M20001534	1	15	4	
		0001 - 9999	2234861	4	2234862	1	20	5	
			M20001411	4	M20001410	1	25	6	
			2234867	4	2234871	1	30	8	
			2234878	4	2234880	1	35	8	
D 110 7 EVO	1/017		M20001405	4	M20001404	1	40	8	
R 110 Z EVO	K017		M20001640	4	M20001639	1	45	8	
			M20001370	4	M20001369	1	50	10	
			M20001571	4	M20001579	1	55	10	
			M20001529	4	M20001530	1	60	10	
			M20001529	4	M20001530	1	65	10	
			M20001678	4	M20001679	1	70	10	
			2202449	4	2202450	1	80	10	
			2200097	4	2200098	1	90	10	
			M10016387	2			20	6	
		0004 0000	M10015455	2			35	8	
		0001 - 0299 421199 - 9999999	M10016477	2			40	8	
		421199 - 9999999	M10016780	2			45	8	
			M10017445	2			50	10	
			2208580	4	2208582	1	10	4	
			2199916	4	2199927	1	11	4	
			2234822	4	2234825	1	12	4	
			2212424	4	2212430	1	15	4	
			M10006857	4	M20001562	1	16	4	
R 130 Z,	1/004		M10003491	4	M20001561	1	20	5	
R 130 Z EVO	K024		M20001551	4	M20001552	1	25	6	
			2234476	4	2234480	1	30	7	
		0300 - 9999	M10003179	4	M20001254	1	35	8	
			M10005149	4	M20000795	1	40	8	
			M20001595	4	M20001596	1	45	8	
			M20001298	4	M20001558	1	50	10	
			M20001553	4	M20001554	1	55	10	
			M10010425	4	M20001560	1	65	10	
			M20001752	4	M20001753	1	70	10	
			2202978	4	2202979	1	80	10	
			2192479	4	2192481	1	90	10	

 $^{^{\}star}$ For a complete fit 5 screens are required (transverse stress) MLW = mesh size



ORIGINAL KLEEMANN WIRE MESH FOR MS SERIES

Machine type	Model	Series range NEW/old	Deck	Part No.	Qty.	Part No.	Qty.	Average MLW (mm)	Wire Ø (mm)
				M20000689	1	M20000688	3	65	10
				M20000628	1	M20000627	3	55	10
				M20000687	1	M20000686	3	50	10
				M20000643	1	M20000642		45	8
				M20000626	1	M20000625	3	40	8
				M20001726	1	M20001727	3	35	8
			Upper deck	2234515	1	2234516	3	30	8
				M20001769	1	M20000958	3	25	5
				2234505	1	2234507	3	20	5
				2195345	1	M20001327	3	18	4
				2195338	1	M20001735	3	15	4
				2195240	1	M20000872	3	12	4
				M20001494	1	M20001496	3	10	3
				M20000689	1	M20000688	3	65	10
MS 16 D,	K049,	0004 0000		M20000628	1	M20000627	3	55	10
MS 16 Z	K048	0001 - 9999		M20000687	1	M20000686	3	50	10
				M20000643	1	M20000642		45	8
				M20000626	1	M20000625	3	40	8
				M20001726	1	M20001727	3	35	8
			Middle deck	2234515	1	2234516	3	30	8
				M20001769	1	M20000958	3	25	5
				2234505	1	2234507	3	20	5
				2195345	1	M20001327	3	18	4
				2195338	1	M20001735	3	15	4
				2195240	1	M20000872	3	12	4
				M20001494	1	M20001496	3	10	3
				M20001352	2			30	6
			Lawer deel	M20001081	2			20	5
			Lower deck	2201658	2			15	4
				2234501	2			12	4

MLW = mesh size





Machine type	Model	Series range NEW/old	Deck	Part No.	Qty.	Part No.	Qty.	Average MLW (mm)	Wire Ø (mm)
				M20000688	5			65	10
				M20000627	5			55	10
				M20000686	5			50	10
				M20000642	5			45	8
				M20000625	5			40	8
				M20001727	5			35	8
			Upper deck	2234516	5			30	8
				M20000958	5			25	5
				2234507	5			20	5
				M20001327	5			18	4
				M20001735	5			15	4
				M20000872	5			12	4
				M20001496	5			10	3
				M20000688	5			65	10
MS 19 D,	K055,	0004 0000		M20000627	5			55	10
MS 19 Z	K054	0001 - 9999		M20000686	5			50	10
				M20000642	5			45	8
			Middle deck	M20000625	5			40	8
				M20001727	5			35	8
				2234516	5			30	8
				M20000958	5			25	5
				2234507	5			20	5
				M20001327	5			18	4
				M20001735	5			15	4
				M20000872	5			12	4
				M20001496	5			10	3
			Lower deck	M20001352	3			30	6
				M20001081	3			20	5
				2201658	3			15	4
				2234501	3			12	4
				M20000688	4			65	10
				M20000627	4			55	10
				M20000686	4			50	10
				M20000642	4			45	8
				M20000625	4			40	8
				M20001727	4			35	8
			Upper deck		4			30	8
				M20000958	4			25	5
MS 15	K047	0001 - 9999		2234507	4			20	5
INO 13				M20001327	4			18	4
				M20001735	4			15	4
				M20000872	4			12	4
				M20001496	4			10	3
				M20001564	3			30	6
			1	M20001453	3			20	5
			Lower deck	2198322	3			15	4
			2197550	3			12	3	

MLW = mesh size

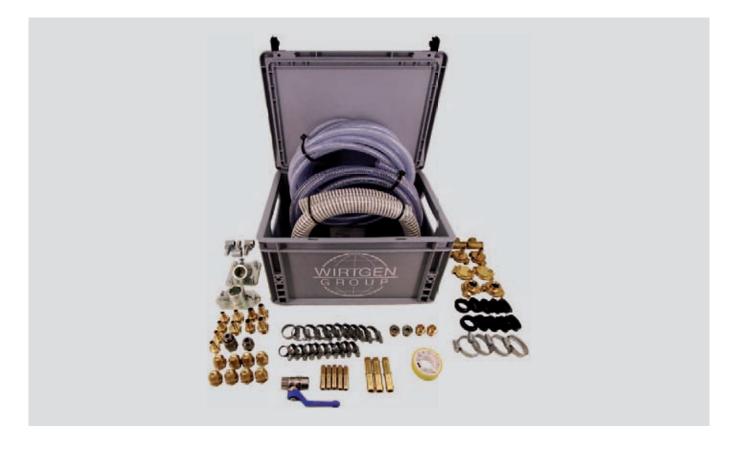


ORIGINAL KLEEMANN SPRINKLING UNITS

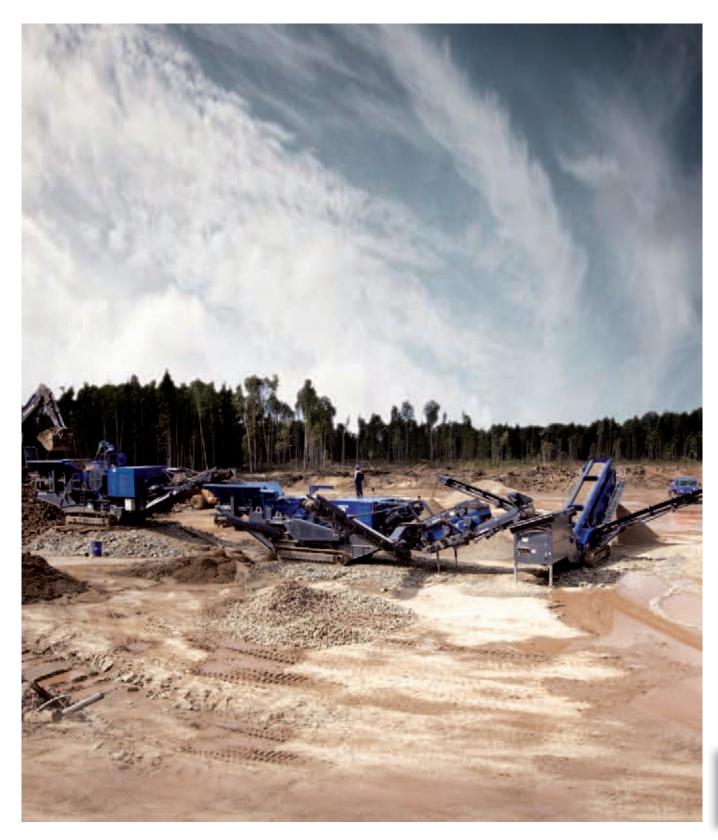
The service package for the maintenance and servicing of the nozzle system of stationary and mobile crusher systems ensures smooth progress of the crushing work, and prevents long stoppage times for the machines in the event of damage to individual components.



Description	Part No.
Service package sprinkling	F10616409









ORIGINAL KLEEMANN EMERGENCY KITS

Minor faults in the electrical system, such as burned-out fuses, tripped relays, damaged contacts or switches can interrupt operations on the construction site for long periods.

With the emergency kits for machine operators, which have been put together specially for every machine type, any such faults can be rectified quickly and cost-effectively.







Machine type	Model	Series range NEW/old	Version	Part No.
MC 100	K001	0001 - 9999 (400369 - 9999999)	EU	F10616869
MC 110 R	K003	0001 - 9999	EU	F10617370
WO TION	K003	(400908 - 9999999)	US	F10617789
MC 110 Z	K004	0001 - 9999	EU	F10617370
W6 110 Z	11004	(400757 - 9999999)	US	F10617789
MC 120 Z	K007	0001 - 9999 (392555 - 9999999)	EU	F10616879
MC 125	K008	0005 - 9999 (4071477 - 9999999)	EU	F10617369
MR 100 R	K012	0001 - 9999 (395178 - 9999999)	EU	F10617389
MR 100 Z	K013	0001 - 9999 (4061588 - 999999)	EU	F10617389
MR 110 R EVO	K016	0001 - 9999	EU	F60000092
WITTIONEVO		0001 0000	US	F60000093
MR 110 Z EVO	K017	0001 - 9999	EU	F60000092
	1.017		US	F60000093
MR 122 Z	K062	0001 - 9999 (395383 - 9999999)	EU	F10616889
		0001 - 0199 (430049 - 9999999)	EU	F10616479
MR 130 R MR 130 R EVO	K023	0200 - 9999	EU	F60000092
		3200 0000	US	F60000093
		0001 - 0299 (421199 - 9999999)	EU	F10616479
MR 130 Z MR 130 Z EVO	K024	0300 - 9999	EU	F60000092
	0300 - 9999		US	F60000093
MS 20 Z-AD	K056	0001 - 9999 (4031090 - 9999999)	EU	F10617759
MS 20 D	K057	0001 - 9999 (3021344 - 9999999)	EU	F10617759

 $\label{eq:decompare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$





ORIGINAL KLEEMANN FILTER ELEMENTS

Kleemann crusher systems with their acknowledged high performance are driven by modern hydraulic components.

Original Wirtgen Group filter elements, with regular maintenance, form the basis for enormous productivity and guarantee the long service life of all components.

This quality, together with the optimized fuels and lubricants, which are perfectly matched to the filter systems, also guarantee the necessary system cleanness, and consequently reduce operating costs to the minimum.







	Ex-		Series			Repla	cemen	t inter	val					
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.		
				Hydraulic	Suction filter	х					2	M10013434		
				Hydraulic	Return line filter	x					1	M10010834		
				Hydraulic	Ventilation filter	х					1	M10010833		
	Stage	K001	0001 - 0222	Motor Scania	Oil filter		х				1	M10015718		
	2	ROOT	(400369 - 9999999)	Motor Scania	Fuel filter		x				1	M10021220		
				Motor Scania	Water separator		x				1	M10018061		
				Motor Scania	Air filter		x		x	x	1	M10023340		
MC 100 R				Motor Scania	Safety cartridge		x		x	x	1	M10023339		
WE TOO'T				Hydraulic	Suction filter	х					2	M10013434		
				Hydraulic	Return line filter	х					1	M10010834		
				Hydraulic	Ventilation filter	х					1	M10010833		
Stage 3A	Stage	tage K001 A	0223 -	Motor Scania	Oil filter	x					1	2244014		
	3A		9999	Motor Scania	Fuel filter	х					1	M10021220		
				Motor Scania	Water separator	х					1	M10018061		
				Motor Scania	Air filter	х			x	x	1	2244012		
							Motor Scania	Safety cartridge	х			x	х	1

 $\label{thm:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$



	Ex-		Series			Repla	cemen	t inter	val			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Suction filter	х					2	M10013434
				Hydraulic	Return line filter	×					1	M10010834
				Hydraulic	Ventilation filter	x					1	M10010833
				Hydraulic	Oil filter	×					1	M10017619
		K003	0001 - 0199	Motor Scania	Oil filter		х				1	M10015718
				Motor Scania	Fuel filter		х				1	M10021220
				Motor Scania	Water separator		х				1	M10018061
				Motor Scania	Air filter		х		х	х	1	M10023340
MC 110 R	Stage			Motor Scania	Safety cartridge		х		х	х	1	M10023339
WIG TIGHT	2			Hydraulic	Suction filter	×					2	M10013434
				Hydraulic	Return line filter	×					1	M10010834
				Hydraulic	Ventilation filter	x					1	M10010833
				Hydraulic	Oil filter	x					1	M10022546
		K003	0200 - 0216	Motor Scania	Oil filter		х				1	M10015718
				Motor Scania	Fuel filter		х				1	M10021220
				Motor Scania	Water separator		х				1	M10018061
				Motor Scania	Air filter		х		х	х	1	M10023340
				Motor Scania	Safety cartridge		х		х	х	1	M10023339





	Ex-		Series			Repla	cemen	t inter	val			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Suction filter	x					2	M10013434
				Hydraulic	Return line filter	x					1	M10010834
				Hydraulic	Ventilation filter	x					1	M10010833
				Hydraulic	Oil filter	x					1	M10022546
	Stage 3A	K003	0217 - 9999	Motor Scania	Oil filter	x					1	2244014
				Motor Scania	Fuel filter	x					1	M10021220
				Motor Scania	Water separator	x					1	M10018061
				Motor Scania	Air filter	x			x	х	1	2244012
MC 110 R				Motor Scania	Safety cartridge	x			x	х	1	2244013
MC 110 h				Hydraulic	Suction filter	x					2	M10013434
				Hydraulic	Return line filter	x					1	M10010834
				Hydraulic	Ventilation filter	x					1	M10010833
				Hydraulic	Oil filter	x					1	M10022546
	Tier 3	K003	0200 - 0999	Motor CAT	Oil filter	x					1	M10021850
				Motor CAT	Fuel filter	x			x	х	1	M10023342
				Motor CAT	Water separator	х			x	х	1	M10023343
				Motor CAT	Air filter	x			х	х	1	M10023349
				Motor CAT	Safety cartridge	x			x	x	1	M10021852

 $\label{thm:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$



	Ex-		Series			Repla	cemen	t inter	val			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Suction filter	x					2	M10013434
				Hydraulic	Return line filter	x					1	M10010834
				Hydraulic	Ventilation filter	x					1	M10010833
				Hydraulic	Oil filter	x					1	M10017619
		K004	0001 - 0199	Motor Scania	Oil filter		х				1	M10015718
				Motor Scania	Fuel filter		х				1	M10021220
				Motor Scania	Water separator		х				1	M10018061
				Motor Scania	Air filter		х		х	x	1	M10023340
MC 110 Z	Stage			Motor Scania	Safety cartridge		х		х	x	1	M10023339
MC 1102	2			Hydraulic	Suction filter	x					2	M10013434
				Hydraulic	Return line filter	x					1	M10010834
				Hydraulic	Ventilation filter	x					1	M10010833
				Hydraulic	Oil filter	x					1	M10022546
		K004	0200 - 0254	Motor Scania	Oil filter		x				1	M10015718
				Motor Scania	Fuel filter		х				1	M10021220
				Motor Scania	Water separator		x				1	M10018061
				Motor Scania	Air filter		х		х	x	1	M10023340
				Motor Scania	Safety cartridge		х		х	x	1	M10023339





	Ex-		Series			Repla	cemen	t inter	val			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Suction filter	x					2	M10013434
				Hydraulic	Return line filter	x					1	M10010834
				Hydraulic	Ventilation filter	x					1	M10010833
				Hydraulic	Oil filter	x					1	M10022546
	Stage 3A	K004	0255 - 9999	Motor Scania	Oil filter	x					1	2244014
				Motor Scania	Fuel filter	x					1	M10021220
				Motor Scania	Water separator	x					1	M10018061
				Motor Scania	Air filter	x			х	х	1	2244012
MC 110 Z				Motor Scania	Safety cartridge	x			х	х	1	2244013
WO 1102				Hydraulic	Suction filter	x					2	M10013434
				Hydraulic	Return line filter	x					1	M10010834
				Hydraulic	Ventilation filter	x					1	M10010833
				Hydraulic	Oil filter	x					1	M10022546
	Tier 3	K004	0200 - 0999	Motor CAT	Oil filter	x					1	M10021850
				Motor CAT	Fuel filter	x			x	х	1	M10023342
				Motor CAT	Water separator	х			х	x	1	M10023343
				Motor CAT	Air filter	х			х	x	1	M10023349
				Motor CAT	Safety cartridge	х			x	х	1	M10021852

 $\label{thm:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$



	Ex-		Series			Repla	cemen	t inter	val			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Suction filter	x					2	M10013434
				Hydraulic	Return line filter	x					1	M10010834
				Hydraulic	Ventilation filter	x					1	M10010833
	Stage	K007	0001 - 0226	Motor Scania	Oil filter		x				1	M10015718
	2	KUU1	(392555 - 9999999)	Motor Scania	Fuel filter		х				1	M10016955
				Motor Scania	Water separator		x				1	M10018061
				Motor Scania	Air filter		x		х	х	1	M10014789
				Motor Scania	Safety cartridge		x		х	x	1	M10014788
				Hydraulic	Suction filter	x					2	M10013434
				Hydraulic	Return line filter	x					1	M10010834
				Hydraulic	Ventilation filter	x					1	M10010833
MC 120 Z	Stage	K007	0227 - 9999	Motor Scania	Oil filter	x					1	2244014
IVIO 120 Z	3A	KUU1	(392555 - 9999999)	Motor Scania	Fuel filter	x					1	M10021220
				Motor Scania	Water separator	x					1	M10018061
				Motor Scania	Air filter	x			х	х	1	2244012
				Motor Scania	Safety cartridge	x			х	x	1	2244013
				Hydraulic	Suction filter	x					2	M10013434
				Hydraulic	Return line filter	x					1	M10010834
				Hydraulic	Ventilation filter	x					1	M10010833
	Tier 3	K007	0001 -	Motor CAT	Oil filter	x					1	M10021850
	Tiers	NUU/	9999	Motor CAT	Fuel filter	х			х	х	1	M10021853
				Motor CAT	Water separator	х			х	х	1	M10023343
				Motor CAT	Air filter	х			х	х	1	M10023349
				Motor CAT	Safety cartridge	х			x	x	1	M10021852





	Ex-		Series			Repla	cemen	t inter	val			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Suction filter	х					2	M10013434
				Hydraulic	Return line filter	х					1	M10010834
				Hydraulic	Ventilation filter	х					1	M10010833
MC 125 S	Stage	K008	0001 - 9999	Motor Scania	Oil filter		x				1	M10015718
	2	NOOO	(396637 - 9999999)	Motor Scania	Fuel filter		x				1	M10016955
				Motor Scania	Water separator		х				1	M10018061
				Motor Scania	Air filter		x		x	x	1	M10014789
				Motor Scania	Safety cartridge		x		x	x	1	M10014788
				Hydraulic	Suction filter	x					2	M10013434
MC 140	Stage 2	K061	0001 - 9999 (393046 - 9999999)	Hydraulic	Return line filter	x					1	M10010834
				Hydraulic	Ventilation filter	х					1	M10010833

 $\label{eq:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$



	Ex-		Series			Repla	cemen	t inter	val			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Return line filter	x					1	M10010834
				Hydraulic	Ventilation filter	x					1	M10010833
				Motor Scania	Oil filter		х				1	M10015718
MR 100 R	Stage 2	K012	0001 - 9999 (395178 - 9999999)	Motor Scania	Fuel filter		х				1	M10016955
				Motor Scania	Water separator		х				1	M10018061
				Motor Scania	Air filter		х		x	х	1	M10014789
				Motor Scania	Safety cartridge		х		x	х	1	M10014788
				Hydraulic	Return line filter	x					1	M10010834
				Hydraulic	Ventilation filter	x					1	M10010833
				Motor Scania	Oil filter		x				1	M10015718
MR 100 Z	Stage 2	K013	0001 - 9999 (4061588 - 999999)	Motor Scania	Fuel filter		x				1	M10016955
				Motor Scania	Water separator		x				1	M10018061
				Motor Scania	Air filter		x		х	х	1	M10014789
				Motor Scania	Safety cartridge		x		х	х	1	M10014788





	Ex-		Series			Repla	cemen	t inter	val			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Filter element– Fluid coupling	х					1	M10024976
				Hydraulic	Ventilation filter	х					1	M10010833
				Hydraulic	Return suction filter element	х					1	M20001136
	Stage	K016	0001 -	Motor Scania	Oil filter		х				1	M10015718
	2	KUIO	0004	Motor Scania	Fuel filter		х				1	M10016955
				Motor Scania	Water separator		х				1	M10018061
				Motor Scania	Air filter		х		х	х	1	M10014789
				Motor Scania	Safety cartridge		х		х	х	1	M10014788
				Hydraulic	Filter element– Fluid coupling	х					1	M10024976
				Hydraulic	Ventilation filter	х					1	M10010833
				Hydraulic	Return suction filter element	х					1	M20001136
MD 440 D	Stage	K010	0005 -	Motor Scania	Oil filter	х					1	2244014
MR 110 R	3A	K016	9999	Motor Scania	Fuel filter	х					1	M10021220
				Motor Scania	Water separator	х					1	M10018061
				Motor Scania	Air filter	х			х	х	1	2244012
				Motor Scania	Safety cartridge	х			х	х	1	2244013
				Hydraulic	Filter element– Fluid coupling	х					1	M10024976
				Hydraulic	Ventilation filter	х					1	M10010833
				Hydraulic	Return suction filter element	х					1	M20001136
	Tion 0	K010	0001 -	Motor CAT	Oil filter	х					1	M10021850
	Tier 3	K016	9999	Motor CAT	Fuel filter	х			x	х	1	M10021853
				Motor CAT	Air filter	х			x	x	1	M10023349
				Motor CAT	Water separator	х			х	х	1	M10023343
				Motor CAT	Safety cartridge	х			х	х	1	M10021852

 $\label{eq:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$



	Ex-		Series			Repla	cemen	t inter	val			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Filter element– Fluid coupling	х					1	M10024976
				Hydraulic	Ventilation filter	x					1	M10010833
				Hydraulic	Return suction filter element	x					1	M20001136
	Stage	K017	0051 -	Motor Scania	Oil filter		х				1	M10015718
	2	KU17	9999	Motor Scania	Fuel filter		х				1	M10016955
				Motor Scania	Water separator		х				1	M10018061
				Motor Scania	Air filter		х		х	х	1	M10014789
				Motor Scania	Safety cartridge		х		х	х	1	M10014788
				Hydraulic	Filter element– Fluid coupling	х					1	M10024976
				Hydraulic	Ventilation filter	x					1	M10010833
				Hydraulic	Return suction filter element	х					1	M20001136
MR 110 Z	Stage	K017	0052 -	Motor Scania	Oil filter	х					1	2244014
WIN 1102	ЗА	KU17	9999	Motor Scania	Fuel filter	х					1	M10021220
				Motor Scania	Water separator	х					1	M10018061
				Motor Scania	Air filter	х			х	х	1	2244012
				Motor Scania	Safety cartridge	x			х	х	1	2244013
				Hydraulic	Filter element– Fluid coupling	х					1	M10024976
				Hydraulic	Ventilation filter	х					1	M10010833
				Hydraulic	Return suction filter element	х					1	M20001136
	Tion 0	K017	0001 -	Motor CAT	Oil filter	x					1	M10021850
	Tier 3	NU17	9999	Motor CAT	Fuel filter	х			х	х	1	M10021853
				Motor CAT	Air filter	х			х	х	1	M10023349
				Motor CAT	Water separator	х			х	х	1	M10023343
				Motor CAT	Safety cartridge	х			х	х	1	M10021852





	Ex-		Series			Repla	cemen	t inter	val			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Suction filter	х					2	M10013434
				Hydraulic	Return line filter	х					1	M10010834
				Hydraulic	Ventilation filter	х					1	M10010833
	Stage	K062	0001 -	Motor Scania	Oil filter		х				1	M10015718
	2	KU02	0218	Motor Scania	Fuel filter		х				1	M10016955
				Motor Scania	Water separator		х				1	M10018061
				Motor Scania	Air filter		х		х	х	1	M10014789
				Motor Scania	Safety cartridge		х		х	x	1	M10014788
				Hydraulic	Suction filter	х					2	M10013434
				Hydraulic	Return line filter	х					1	M10010834
				Hydraulic	Ventilation filter	х					1	M10010833
MR 122 Z	Stage	K062	0219 - 9999	Motor Scania	Oil filter	х					1	2244014
WIN 122 Z	ЗА	K002	3333	Motor Scania	Fuel filter	х					1	M10021220
				Motor Scania	Water separator	х					1	M10018061
				Motor Scania	Air filter	х			х	x	1	2244012
				Motor Scania	Safety cartridge	х			x	х	1	2244013
				Hydraulic	Suction filter	х					2	M10013434
				Hydraulic	Return line filter	х					1	M10010834
				Hydraulic	Ventilation filter	х					1	M10010833
	Tier 3	K062	0001 -	Motor CAT	Oil filter	х					1	M10021850
	1161 0	NUUZ	9999	Motor CAT	Fuel filter	х			x	x	1	M10021853
				Motor CAT	Water separator	х			x	x	1	M10023343
				Motor CAT	Air filter	х			x	х	1	M10021851
				Motor CAT	Safety cartridge	х			x	х	1	M10021852

 $\label{eq:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$



	Ex-		Series			Repla	cemen	t inter	/al			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Suction filter	x					1	M10017041
				Hydraulic	Coarse filter	x					1	M10017509
				Hydraulic	Oil filter	x					1	M10015766
			0001 -	Hydraulic	Ventilation filter	x					1	M10010833
MR 130 R V3	Stage 2	K023	0199 (430049 - 9999999)	Motor Scania	Oil filter		х				1	M10015718
			000000,	Motor Scania	Fuel filter		х				1	M10016955
				Motor Scania	Water separator		х				1	M10018061
				Motor Scania	Air filter		х		х	x	1	M10014789
				Motor Scania	Safety cartridge		х		х	x	1	M10014788
				Hydraulic	Suction filter	x					1	M10017041
				Hydraulic	Coarse filter	x					1	M10017509
				Hydraulic	Oil filter	x					1	M10015766
			0001 -	Hydraulic	Ventilation filter	x					1	M10010833
MR 130 Z V3	Stage 2	K024	0299 (421199 - 9999999)	Motor Scania	Oil filter		х				1	M10015718
			333333)	Motor Scania	Fuel filter		х				1	M10016955
				Motor Scania	Water separator		х				1	M10018061
				Motor Scania	Air filter		х		х	x	1	M10014789
				Motor Scania	Safety cartridge		х		х	x	1	M10014788





	Ex-		Series			Repla	cemen	t inter	val			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Filter element– Fluid coupling	х					1	M10024976
				Hydraulic	Ventilation filter	х					1	M10010833
				Hydraulic	Return suction filter element	х					1	M20001136
	Stage	K023	0200 -	Motor Scania	Oil filter		х				1	M10015718
	2	NU23	0200	Motor Scania	Fuel filter		х				1	M10016955
				Motor Scania	Water separator		х				1	M10018061
				Motor Scania	Air filter		х		х	х	1	M10014789
				Motor Scania	Safety cartridge		х		х	х	1	M10014788
				Hydraulic	Filter element– Fluid coupling	х					1	M10024976
				Hydraulic	Ventilation filter	х					1	M10010833
				Hydraulic	Return suction filter element	х					1	M20001136
MR 130 R	Stage	K023	0201 -	Motor Scania	Oil filter	x					1	2244014
V5	3A	NU23	9999	Motor Scania	Fuel filter	x					1	M10021220
				Motor Scania	Water separator	х					1	M10018061
				Motor Scania	Air filter	х			х	х	1	2244012
				Motor Scania	Safety cartridge	x			х	х	1	2244013
				Hydraulic	Filter element– Fluid coupling	х					1	M10024976
				Hydraulic	Ventilation filter	х					1	M10010833
				Hydraulic	Return suction filter element	х					1	M20001136
	Ti 0	Kooo	0201 -	Motor CAT	Oil filter	x					1	M10021850
	Tier 3	K023	9999	Motor CAT	Fuel filter	x			x	x	1	M10021853
				Motor CAT	Water separator	x			x	x	1	M10023343
				Motor CAT	Air filter	x			x	x	1	M10021851
				Motor CAT	Safety cartridge	x			x	x	1	M10021852

 $\label{thm:continuous} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$



	Ex-		Series			Repla	cemen	t inter	val			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Filter element– Fluid coupling	х					1	M10024976
				Hydraulic	Ventilation filter	х					1	M10010833
				Hydraulic	Return suction filter element	х					1	M20001136
	Stage	K004	0300 -	Motor Scania	Oil filter		х				1	M10015718
	2	K024	0356	Motor Scania	Fuel filter		х				1	M10016955
				Motor Scania	Water separator		х				1	M10018061
				Motor Scania	Air filter		х		х	х	1	M10014789
				Motor Scania	Safety cartridge		х		x	х	1	M10014788
				Hydraulic	Filter element– Fluid coupling	х					1	M10024976
				Hydraulic	Ventilation filter	x					1	M10010833
	Stage K024			Hydraulic	Return suction filter element	х					1	M20001136
MR 130 Z		0357 -	Motor Scania	Oil filter	x					1	2244014	
V5	3A	NU24	9999	Motor Scania	Fuel filter	х					1	M10021220
				Motor Scania	Water separator	х					1	M10018061
				Motor Scania	Air filter	х			х	х	1	2244012
				Motor Scania	Safety cartridge	х			х	х	1	2244013
				Hydraulic	Filter element– Fluid coupling	х					1	M10024976
				Hydraulic	Ventilation filter	x					1	M10010833
				Hydraulic	Return suction filter element	х					1	M20001136
	Tier 3 K02		0301 -	Motor CAT	Oil filter	x					1	M10021850
		NU24	9999	Motor CAT	Fuel filter	х			х	х	1	M10021853
				Motor CAT	Water separator	х			х	х	1	M10023343
				Motor CAT	Air filter	х			x	х	1 M10015718 1 M10016958 1 M10018061 1 M10014788 1 M10014788 1 M10024976 1 M10010833 1 M20001136 1 2244014 1 M10021220 1 M10018061 1 2244012 1 2244013 1 M10024976 1 M10010833 1 M20001136 1 M10021856 1 M10021856 1 M10023343 1 M10021856	
				Motor CAT	Safety cartridge	х			х	х	1	M10021852





	Ex-		Series			Repla	cemen	t inter	val			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
			0001 -	Hydraulic	Suction filter	х					2	M10013434
MR 150 Z	Stage 2	K063	9999 (400483 -	Hydraulic	Return line filter	х					1	M10010834
			999999)	Hydraulic	Ventilation filter	х					1	M10010833
			0001 -	Hydraulic	Suction filter	х					2	M10013434
MR 170		K033	9999 (395896 -	Hydraulic	Return line filter	х					1	M10010834
			9999999)	Hydraulic	Ventilation filter	х					1	M10010833
MS 17 D		K051	0001 - 9999	Hydraulic	Return line filter	х					1	M10010834
IVIS 17 D		KUST	(399242 - 9999999)	Hydraulic	Ventilation filter	х					1	M10010833
MS 18 Z/		K053	0001 - 9999	Hydraulic	Return line filter	х					1	M10010834
Z-AD		K055	(400511 - 9999999)	Hydraulic	Ventilation filter	х					1	M10010833
				Hydraulic	Return line filter	х					1	M10022051
				Hydraulic	Suction filter element	х					1	M10020528
				Hydraulic	Suction filter element	х					1	M10020520
				Unit JCB	Oil filter			х			1	M10024999
				Unit JCB	Fuel filter			х			1	M10024997
				Unit JCB	Water separator			х			1	M10024998
MS 12		K067	0001 - 9999	Unit JCB	Air filter			х	х	x	1	M10024996
				Unit JCB	Safety cartridge			х	х	х	1	M10024995
				Unit CAT	Oil filter						1	M10020481
				Unit CAT	Water separator						1	M10023413
				Unit CAT	Fuel filter						1	M10020568
				Unit CAT	Air filter				х	х	1	M10023405
				Unit CAT	Safety cartridge				x	х	1	M10023404

 $\label{thm:continuous} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$



	Ex-		Series			Repla	cemen [.]	t inter	<i>ı</i> al			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Return line filter	х					1	M10022051
				Hydraulic	Suction filter element	x					1	M10020528
				Hydraulic	Suction filter element	х					1	M10020520
MS 13		K066	0001 -	Unit CAT	Oil filter			x			1	M10020481
WO TO		NOOO	0199	Unit CAT	Water separator			x			1	M10024985
				Unit CAT	Fuel filter			x			1	M10020568
				Unit CAT	Air filter			x	x	x	1	M10023405
				Unit CAT	Safety cartridge			x	x	x	1	M10023404
				Hydraulic	Return line filter	х					1	M10022051
				Hydraulic	Suction filter element	х					1	M10020528
				Hydraulic	Suction filter element	х					1	M10020520
				Unit JCB	Oil filter			x			1	M10024999
				Unit JCB	Fuel filter			x			1	M10024997
				Unit JCB	Water separator			x			1	M10024998
MS 14		K068	0001 - 9999	Unit JCB	Air filter			x	x	x	1	M10024996
				Unit JCB	Safety cartridge			x	x	x	1	M10024995
				Unit CAT	Oil filter						1	M10020481
				Unit CAT	Fuel filter				1 x cessary 1 M10022051 1 M10020528 1 M10020520 1 M10020481 1 M10024985 1 M10023405 x x 1 M10023404 x x 1 M1002351 1 M10020528 1 M10020520 1 M10024999 1 M10024999 1 M10024998 x x 1 M10024998 x x 1 M10024996 x x x 1 M10024995			
				Unit CAT	Water separator							
				Unit CAT	Air filter				x	х	1	M10023405
				Unit CAT	Safety cartridge				х	х	1	M10023404





	Ex-		Coming			Repla	cemen	t inter	val			
Machine type	haust gas stan- dard	Mo- del	Series range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h		at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Return line filter	х					1	M10022051
				Hydraulic	Suction filter element	x					1 M10	M10020528
				Hydraulic	Suction filter element	x					1	M10020520
				Unit CAT 3054	Oil filter			х			1	M10020481
				Unit CAT 3054	Water separator			х			1	M10020569
				Unit CAT 3054	Fuel filter			х			1	M10020568
MS 15		K047	0001 - 9999	Unit CAT 3054	Air filter		x x x		х	1	M10020467	
				Unit CAT 3054	Safety cartridge			x x x x x x x x x x x x x x x x x x x		х	1	M10020466
				Unit CAT 4.4	Oil filter						1	M10020481
				Unit CAT 4.4	Water separator					1	M10023413	
				Unit CAT 4.4	Fuel filter			х				M10023412
				Unit CAT 4.4	Air filter			х	х	x 1 M1002		M10023405
				Unit CAT 4.4	Safety cartridge			x x		х	1	M10023404
				Hydraulic	Return line filter	х					1	M10022051
				Hydraulic	Suction filter element	x					1	M10020528
				Hydraulic	Suction filter element	x					1	M10020520
				Unit CAT 3054	Oil filter			х			1	M10020481
				Unit CAT 3054	Water separator			х			1	M10020569
				Unit CAT 3054	Fuel filter			х			1	M10020568
MS 16 Z		K048	0001 - 9999	Unit CAT 3054	Air filter			х	x	х	1	M10020467
				Unit CAT 3054	Safety cartridge			х	x	х	1	M10020466
				Unit CAT 4.4	Oil filter			Sooh, 200h, 750h, 1	M10020481			
				Unit CAT 4.4	Water separator			х			1	M10023413
				Unit CAT 4.4	Fuel filter			х			2	M10023412
				Unit CAT 4.4	Air filter			х	х	х	1	M10023405
				Unit CAT 4.4	Safety cartridge			х	х	х	1	M10023404



	Ex-		Series			Repla	cemen ⁻	t inter	val				
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h, 800h, 1200h	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.	
				Hydraulic	Return line filter	х					1	M10022051	
				Hydraulic	Suction filter element	х					1	M10020528	
				Hydraulic	Suction filter element	x					1	M10020520	
				Unit CAT 3054	Oil filter			х			1	M10020481	
				Unit CAT 3054	Water separator			x			1	M10020569	
				Unit CAT 3054	Fuel filter			х			1	M10020568	
MS 16 D		K049	0001 - 9999	Unit CAT 3054	Air filter			х	x	х	1	M10020467	
				Unit CAT 3054	Safety cartridge			х	х	х	1	M10020466	
				Unit CAT 4.4	Oil filter			х			1	M10020481	
				Unit CAT 4.4	Water separator			х			1	M10023413	
				Unit CAT 4.4	Fuel filter			х		2 M10023412			
				Unit CAT 4.4	Air filter			х	х	х	1	M10023405	
				Unit CAT 4.4	Safety cartridge			x	x	x	1	M10023404	
				Hydraulic	Return line filter	х					1	M10022051	
				Hydraulic	Suction filter element	х					1	M10020528	
				Hydraulic	Suction filter element	х					1	M10020520	
				Unit CAT 3054	Oil filter			х			1	M10020481	
				Unit CAT 3054	Water separator			х			1	M10020569	
				Unit CAT 3054	Fuel filter			х			1	M10020568	
MS 19 Z		K054	0001 - 9999	Unit CAT 3054	Air filter			х	х	х	1	M10020467	
				Unit CAT 3054	Safety cartridge			Х	х	х	1	M10020466	
				Unit CAT 4.4	Oil filter		800h, 1200h 500h 1 x p.a. least 1 x p.a. necessary Qty. Part No. 1 M10022051 1 M10020528 1 M10020520 1 M10020520 1 M10020481 1 M10020569 1 M10020568 1 M10020467 1 X X X 1 M10020467 1 X X X 1 M10020466 1 X X X 1 M10020467 1 X X X 1 M10023412 1 X X X 1 M10023404 1 X X X 1 M10023404 1 M10023405 X X 1 M10020528 1 X X X 1 M10020520 1 X X 1 M10020568 1 X X X 1 M10020466						
				Unit CAT 4.4	Water separator			х			1	M10023413	
				Unit CAT 4.4	Fuel filter			х	A	M10023412			
				Unit CAT 4.4	Air filter			x	x	х	1	M10023405	
				Unit CAT 4.4	Safety cartridge			x	х	х	1	M10023404	





	Ex-		Series			Repla	cemen	t inter	val			
Machine type	haust gas stan- dard	Mo- del	range NEW/ old	Range	Description	500h, 1500h, 2500h	400h,	250h, 500h, 750h	at least 1 x p.a.	if ne- ces- sary	Qty.	Part No.
				Hydraulic	Return line filter	x					1	M10022051
				Hydraulic	Suction filter element	x					1	M10020528
				Hydraulic	Suction filter element	х					1	M10020520
			Unit CAT 3054	Oil filter			х			1	M10020481	
			VOSE 0001 -	Unit CAT 3054	Water separator			х			1	M10020569
				Unit CAT 3054	Fuel filter			х			1	M10020568
MS 19 D		K055 0001 - 9999	Unit CAT 3054	Air filter			х	х	x	1	M10020467	
				Unit CAT 3054	Safety cartridge			х	х	х	1	M10020466
				Unit CAT 4.4	Oil filter			х			1	M10020481
				Unit CAT 4.4	Water separator			х			1	M10023413
			Unit CAT 4.4	Fuel filter			х			2	M10023412	
				Unit CAT 4.4	Air filter			х	х	x	1	M10023405
				Unit CAT 4.4	Safety cartridge			х	x	х	1	M10023404

 $\label{thm:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$



ORIGINAL KLEEMANN SERVICE PACKAGES FOR FILTER ELEMENTS

The service packages contain all the necessary filter components and seals and are optimally matched to maintenance intervals and to the respective machine.







Manhina	Emis-	N/a	Series	Comico	Replaceme	ent interval			
Machine type	sion stand.	Mo- del	range NEW/old	Service package	250h, 500h, 750h	500h, 1500h, 2500h	400h, 800h, 1200h	2000h, 4000h	3000h, 6000h
			0001 - 0222	Hydraulic		F10615349			
140 400 D	Stage 2	K001	(400369 - 9999999)	Motor Scania			2270747	2270754	
MC 100 R	0. 0.	14004	ĺ	Hydraulic		F10615349			
	Stage 3A	K001	0223 - 9999	Motor Scania		2270761		2270762	
				Hydraulic		F10615369			
	Otana O	14000	0001 - 0199	Motor Scania			2270747	2270754	
	Stage 2	K003	0000 0040	Hydraulic		F10631439			
			0200 - 0216	Motor Scania			2270747	2270754	
MO 110 D	Chara OA	14000	0047 0000	Hydraulic		F10631439			
MC 110 R	Stage 3A	K003	0217 - 9999	Motor Scania		2270763		2270764	
			0004 0400	Hydraulic		F10615369			
	T: 0	14000	0001 - 0199	Unit CAT	2270778				2270779
	Tier 3	K003	0000 0000	Hydraulic	2270778	F10631439			2270779
			0200 - 9999	Unit CAT					
			0004 0400	Hydraulic		F10615369			
	Ctaga 0	1/004	0001 - 0199	Motor Scania			2270747	2270754	
	Stage 2	K004	0200 - 0254	Hydraulic		F10631439			
			0200 - 0254	Motor Scania			2270747	2270754	
MC 110 Z	Stage 3A	K004	0255 - 9999	Hydraulic		F10631439			
MIC 110 Z	Stage SA	N004	0200 - 9999	Motor Scania		2270763		2270764	
			0001 - 0199	Hydraulic		F10615369			
	Tier 3	K004	0001 - 0199	Unit CAT	2270778				2270779
	Her 3	N004	0200 - 9999	Hydraulic	2270778	F10631439			2270779
			0200 - 9999	Unit CAT					
	Stogo 2	K007	0001 - 0226 (392555 -	Hydraulic		F10615349			
	Stage 2	KUU1	9999999)	Motor Scania			2270755	2270756	
MC 120 Z	Stage 2A	K007	0227 - 9999 (392555 -	Hydraulic		F10615349			
WIC 1202	Stage 3A	NOO7	9999999)	Motor Scania		2270763		2270764	
	Tier 3	K007	0001 - 9999 (392555 -	Hydraulic		F10615349			
	Tiel 3	NOO7	9999999)	Unit CAT	2270780				2270782
MC 125	Stage 2	K008	0001 - 9999 (396637 -	Hydraulic		F10615349			
1010 123	Stage 2	1,000	9999999)	Motor Scania			2270755	2270756	
MC 140	Stage 2	K061	0001 - 9999 (393046 -	Hydraulic		F10615349			
1010 140	Glage Z	1001	9999999)	Motor Scania			2270758	2270760	
MR 100 R	Stage 2	K012	0001 - 9999 (395178 -	Hydraulic		F10615379			
WIN 100 K	Staye 2	NUIZ	9999999)	Motor Scania			2270755	2270756	
MR 100 Z	Stage 2	K013	0001 - 9999 (4061588 -	Hydraulic		F10615379			
WII 100 Z	Stage 2	1010	999999)	Motor Scania			2270755	2270756	





ORIGINAL KLEEMANN SERVICE PACKAGES FOR FILTER ELEMENTS

Machina	Emis-	Mo-	Series	Comico	Replaceme	nt interval			
Machine type	sion stand.	del	range NEW/old	Service package	250h, 500h, 750h	500h, 1500h, 2500h	400h, 800h, 1200h	2000h, 4000h	3000h, 6000h
	Cta and O	1/010	0004 0004	Hydraulic		F10625559			
	Stage 2	K016	0001 - 0004	Motor Scania			2270755	2270756	
MD440D	Ctore OA	1/010	0005 0000	Hydraulic		F10625559			
MR 110 R	Stage 3A	K016	0005 - 9999	Motor Scania		2270763		2270764	
	T: 0	1/010	0001 - 9999	Hydraulic		F10625559			
	Tier 3	K016	0001 - 9999	Unit CAT	2270780				2270782
	Stage 2	K017	0051 - 9999	Hydraulic		F10625559			
	Stage 2	KU17	0051 - 9999	Motor Scania			2270755	2270756	
MR 110 Z	Stage 3A	K017	0052 - 9999	Hydraulic		F10625559			
WIN 110 Z	Stage SA	NU17	0052 - 9999	Motor Scania		2270763		2270764	
	Tier 3	K017	0001 - 9999	Hydraulic		F10625559			
	Tiers	KU17	0001 - 9999	Unit CAT	2270780				2270782
	Stage 2	K062	0001 - 0218	Hydraulic		F10615349			
	Stage 2	NU02	0001-0218	Motor Scania			2270755	2270756	
MR 122 Z	Stage 3A	K062	0219 - 9999	Hydraulic		F10615349			
WIN 122 Z	Stage SA	NU02	0219 - 9999	Motor Scania		2270763		2270764	
	Tier 3	K062	0001 - 9999	Hydraulic		F10615349			
	Tier 3	N002	0001 - 9999	Unit CAT	2270771				2270772
				Hydraulic – Hydraulic drive		F10615389			
MR 130 R V3	Stage 2	K023	0001 - 0199	Hydraulic – Direct drive		F10615349			
				Motor Scania			2270755	2270756	
	Stage 2	K023	0200 - 0200	Hydraulic		F10625559			
	Stage 2	1025	0200 - 0200	Motor Scania			2270755	2270756	
MR 130 R	Stage 3A	K023	0201 - 9999	Hydraulic		F10625559			
V5	Stage SA	1025	0201 - 9999	Motor Scania		2270763		2270764	
	Tier 3	K023	0200 - 9999	Hydraulic		F10625559			
	TIEL 3	1025	0200 - 9999	Unit CAT	2270771				2270772
				Hydraulic – Hydraulic drive		F10615389			
MR 130 Z V3	Stage 2	K024	0001 - 0299	Hydraulic – Direct drive		F10615349			
				Motor Scania			2270755	2270756	





Maahina	Emis-	Ma	Series	Comico	Replaceme	ent interval			
Machine type	sion stand.	Mo- del	range NEW/old	Service package	250h, 500h, 750h	500h, 1500h, 2500h	400h, 800h, 1200h	2000h, 4000h	3000h, 6000h
	010	1/00/4	0000 0050	Hydraulic		F10625559			
	Stage 2	K024	0300 - 0356	Motor Scania			2270755	2270756	
MR 130 Z	Otana OA	1/00/4	0057 0000	Hydraulic		F10625559			
V5	Stage 3A	K024	0357 - 9999	Motor Scania		2270763		2270764	
	Tier 3	K024	0301 - 9999	Hydraulic		F10625559			
	Tier 5	NU24	0301 - 9999	Unit CAT	2270771				2270772
MR 150 Z	Stage 2A	K063	0001 - 9999 (400483 -	Hydraulic		F10615349			
IVIN 150 Z	Stage 2A	N003	999999)	Motor Scania			2270758	2270760	
MR 170	Stage 2A	K033	0001 - 9999 (395896 -	Hydraulic		F10615349			
WIN 170	Stage 2A	1000	9999999)	Motor Scania			2270758	2270760	
				Hydraulic		2272932			
MS 12		K067	0001 - 9999	Unit JCB	2226638				
				Unit CAT	2273498				
MS 13		K066	0001 - 0199	Hydraulic		2272932			
IVIO 13		NOOO	0001 - 0199	Unit CAT	2226639				
				Hydraulic		2272932			
MS 14		K068	0001 - 9999	Unit JCB	2226638				
				Unit CAT	2273498				
				Hydraulic		2272932			
MS 15		K047	0001 - 9999	Unit CAT 3054	2226635				
				Unit CAT 4.4	2226637				
				Hydraulic		2272932			
MS 16 Z		K048	0001 - 9999	Unit CAT 3054	2226635				
				Unit CAT 4.4	2226637				
				Hydraulic		2272932			
MS 16 D		K049	0001 - 9999	Unit CAT 3054	2226635				
				Unit CAT 4.4	2226637				
				Hydraulic		2272932			
MS 19 Z		K054	0001 - 9999	Unit CAT 3054	2226635				
				Unit CAT 4.4	2226637				
				Hydraulic		2272932			
MS 19 D		K055	0001 - 9999	Unit CAT 3054	2226635				
				Unit CAT 4.4	2226637				





ORIGINAL WIRTGEN GROUP LUBRICANTS

The complex and demanding requirements imposed by Wirtgen Group machines have been analysed in intensive research and testing work together with leading oil companies and translated into optimum specifications. The resultant products are now used for first-time lubrication of the machines in the factory. The outcome of these efforts is remarkable:

A large range of premium lubricants from a single source complemented by highly functional accessories "made in Germany" for filling and lubrication. The new Wirtgen Group lubricants ensure that your fleet does not grind to a halt.

Premium lubricants

Wirtgen Group lubricants combine the best possible basic oils and unique additives in customized specifications. The advantages for you:

- Extended oil-change intervals based on oil analysis in the Wirtgen Group
- Compatibility with the first filling
- Optimum protection against wear
- Perfect protection against corrosion
- Traceability in the event of damage

Wirtgen Group lubricants consequently improve the performance and service life of your machines while at the same time durably cutting their running costs. The sensible way to save money!

One-stop supply

All Wirtgen Group machines – whether Wirtgen milling machine, Vögele paver or Hamm roller – can be filled and lubricated with the corresponding Wirtgen Group lubricant for each application.* Together with the carefully coordinated mixture of container sizes, this results in optimized ordering, storage and filling processes.

Accessories for filling and lubrication

Highly functional accessories "made in Germany", such as canister pumps and grease guns, are available to assist you in filling and lubricating your machines.

*Exceptions are indicated



Wirtgen Group Engine Oil 10W40

The smooth-running engine oil produced using modern synthesis technology with outstanding wear protection and cleaning characteristics is suitable for exhaust gas standards TIER 1, 2, 3 (EURO 3a). For excellent and safe operating properties. Enables longer maintenance intervals as approved by the engine manufacturer.

Container sizes: 5 I, 20 I, 208 I Classes: ACEA E7/E5, API CF

Manufacturers' standards: Daimler Chrysler

MB 228.5, Deutz DQC III-05

Wirtgen Group Engine Oil 15W40

Powerful high-performance engine oil made from excellent basic oils and special additives. Increases the performance output by your engine while at the same time ensuring maximum operational reliability.

Container sizes: 5 l, 20 l, 208 l Classes: ACEA E7/E5, API CI-4 plus

Manufacturers' standards: Daimler Chrysler MB 228.3, Caterpillar CAT ECF-1, Cummins

CES 20078/7/6/2/1







Wirtgen Group Engine Oil "Low SAPS" 10W30

Semi-synthetic "Low SAPS" engine oil (low sulphated ash, sulphur and phosphorous content) with fuel economy technology. Its low sulphate ash content ensures that burnt oil particles do not prematurely clog the particle filter for exhaust gas after-treatment.

Container sizes: 5 l, 20 l, 208 l

Exhaust gas standard: EPA/CARB Tier 4i,

EU-2004/26/EG Level IIIB Classes: ACEA E9/E7, API CJ-4

Manufacturers' standards: Deutz DQC III-10 LA, Caterpillar CAT ECF-3, Cummins CES 20081, Daimler Chrysler MB 228.31

Wirtgen Group Bio Hydraulic Oil HVLP 46

High-grade multi-range hydraulic oil with high viscosity index for optimum protection against wear, even in the most difficult service conditions. The new, improved specification ensures very long service intervals. Optimum cold starting properties are guaranteed.

Container sizes: 20 l, 208 l

Classes: DIN 51524 Part 3, Type HVLP

ISO 6743/4 HV

Wirtgen Group Special Gear Oil

Special all-synthetic high-performance gear oil for Hamm vibratory bearings and drum drives, as well as for Vögele pump splitter gearboxes and travel drives. Extremely resistant to pressure and temperature.

Container sizes: 5 l, 20 l, 208 l

Classes: API GL-5

Notes: Must not be mixed with mineral gear oil. Must not be used for Wirtgen milling drum gearboxes.

Wirtgen Group **High-Performance Gear Oil VG 220**

Exclusive all-synthetic gear oil designed for heavy-duty use in Wirtgen milling drum gearboxes. Extremely resisitent to pressure and temperature.

Container sizes: 5 l, 20 l, 208 l

Note: Must not be mixed with mineral gear oil.

Wirtgen Group Multipurpose Grease

Highly refined multipurpose grease for a wide range of lubricating jobs, such as on link pins and wheel bearings. State-of-the-art additive technology makes this product particularly suitable for use in conditions subject to impacts and vibration.

Container sizes: 400 g cartridge

Wirtgen Group Clutch Fluid VG 32

Exclusive grease for use in Wirtgen clutches and remixers.

Container sizes: 5 l, 20 l





ORIGINAL WIRTGEN GROUP ACCESSORIES FOR FILLING AND LUBRICATION

Oil pumps

Hand pump for 20 I canisters:

- Piston pump
- Delivery hose with spring-loaded spiral and anti-kink spring
- Non-drip spout with holder
- Foot valve

Lever-operated hand pump for 208 I barrels:

- Made of metal
- Telescoping intake tube
- Pivotable delivery manifold
- Delivery capacity: 0.2 l / stroke



Pressure sprays and grease guns:

Pressure sprays:

- Made of metal
- Flexible hose
- Sizes: 500 g, 1000 g

Grease guns:

- Made of metal
- High pressure output
- Size: 400 a



Filling cans and funnels

Filling cans:

- Flexible spout
- Complete with lid
- Sizes: 1 I, 2 I, 5 I

Filling funnels:

- Transparent plastic material
- Complete with lid
- Diameter: 180 mm, 220 mm





Description	Container size	Part No.
	51	2065020
Wirtgen Group Engine Oil 15W40	201	2065025
	2081	2065026
	51	2112355
Wirtgen Group Engine Oil 10W40	201	2112354
	208	2219171
Wirtgen Group Bio Hydraulic Oil 46	201	2118575
Wirtgen Group Bio Hydraulic Oli 46	208	2270558
	51	1238051
Wirtgen Group Special Gear Oil	201	2065037
	208	2065038
	51	2170074
Wirtgen Group High-Performance Gear Oil VG 220	201	2065033
	208	2065034
Wirtgen Group Multipurpose Grease	400 g	2065035
Wirtgen Group Clutch Fluid VG 32	51	2268030
wiltgen Group Gluton Fluid VG 32	201	2268032



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LUBRICANT REQUIREMENTS WHEN USING ORIGINAL WIRTGEN GROUP LUBRICANT CONTAINERS

	Series	Engine	Oil 10W	40	Hydrau supply		Tractio	n drive		Clutch	Fluid	
Mo- del	range NEW/old	Capa- city (liters)	5 liters Part No. 2112355	20 liters Part No. 2112354	Capa- city (liters)	20 liters Part No. 2118575	Capa- city (liters)	5 liters Part No. 1238051	20 liters Part No. 2065037	Capa- city (liters)	20 liters Part No. 2268032	5 liters Part No. 2268030
K001	0001 - 9999 (400369 - 9999999)	23	1	1	145	8	7	2				
K003	0001 - 0199	34		2	255	13	10	2				
	0200 - 9999											
K004	0001 - 0199	34		2	255	13	10	2				
	0200 - 9999											
K007	0001 - 9999 (392555 - 9999999)	28-33		2	280	14	10	2				
K008	0005 - 9999 (4071477 - 9999999)	28	2	1	280	14	30	2	1			
K012	0001 - 9999 (395178 - 9999999)	33		2	280	14	10	2		9		2
K013	0001 - 9999 (4061588 - 999999)	33		2	280	14	10	2		9		2
K016	0001 - 9999	33		2	290	15	10	2		46	3	
K017	0001 - 9999	33		2	290	15	10	2		46	3	
K062	0001 - 9999 (395383 - 9999999)	28-33		2	280	14	10	2				
K023	0001 - 0199 (430049 - 9999999)	28	2	1	400	20	10	2				
	0200 - 9999	33		2	290	15	10	2		46	3	
K024	0001 - 0299 (421199 - 9999999)	28	2	1	400	20	10	2				
	0300 - 9999	33		2	290	15	10	2		46	3	

 $\label{eq:decompare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$





Machine	Mo-	Series		oil of er dis- ing belt		creening optional)	Scree rings of prescri		Gear of transfer gearbo	er	Kleemann Multipurpose grease
type	del	range NEW/old	Capa- city (liters)	5 liters Part No. 2170074	Capa- city (liters)	5 liters Part No. 2170074	Capa- city (liters)	5 liters Part No. 1238051	Capa- city (liters)	5 liters Part No. 2170074	Container size 400g Part No. 2065035
MC 100	K001	0001 - 9999 (400369 - 9999999)	5.3	1	2.7	1	1.2	1	2.5	1	
M0.440.D	14000	0001 - 0199	5.0				4.0		0.5		
MC 110 R	K003	0200 - 9999	5.3	1	6	2	1.2	1	6.5	2	
MC 110 Z	K004	0001 - 0199	5.3	1	6	2	1.2	1	6.5	2	
WIG TIUZ	K004	0200 - 9999	5.5	'	0	2	1.2	1	0.5	۷	
MC 120	K007	0001 - 9999 (392555 - 9999999)	8.5	2	6	2	1.2	1	2.5	1	
MC 125	K008	0005 - 9999 (4071477 - 9999999)	2.7	1	2.7	1	1.2	1	2.5	1	
MR 100 R	K012	0001 - 9999 (395178 - 9999999)	2.7	1	2.7	1	8.5	2	6.5	2	
MR 100 Z	K013	0001 - 9999 (4061588 - 999999)	2.7	1	2.7	1	8.5	2	6.5	2	
MR 110 R	K016	0001 - 9999	5.3	1	6	2	1.2	1	2.5	1	
MR 110 Z	K017	0001 - 9999	5.3	1	6	2	1.2	1	2.5	1	
MR 122 Z	K062	0001 - 9999 (395383 - 9999999)	8.5	2	6	1	1.2	1	2.5	1	
MR 130 R	K023	0001 - 0199 (430049 - 9999999)	5.3	1	2.7	1	7	2	2.5	1	
WIIT 100 IT	11020	0200 - 9999	5.3	1	6	2	1.2	1	2.5	1	
MR 130 Z	K024	0001 - 0299 (421199 - 9999999)	5.3	1	2.7	1	7	2	2.5	1	
WIN 130 Z	1024	0300 - 9999	5.3	1	6	2	1.2	1	2.5	1	

 $\label{thm:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$





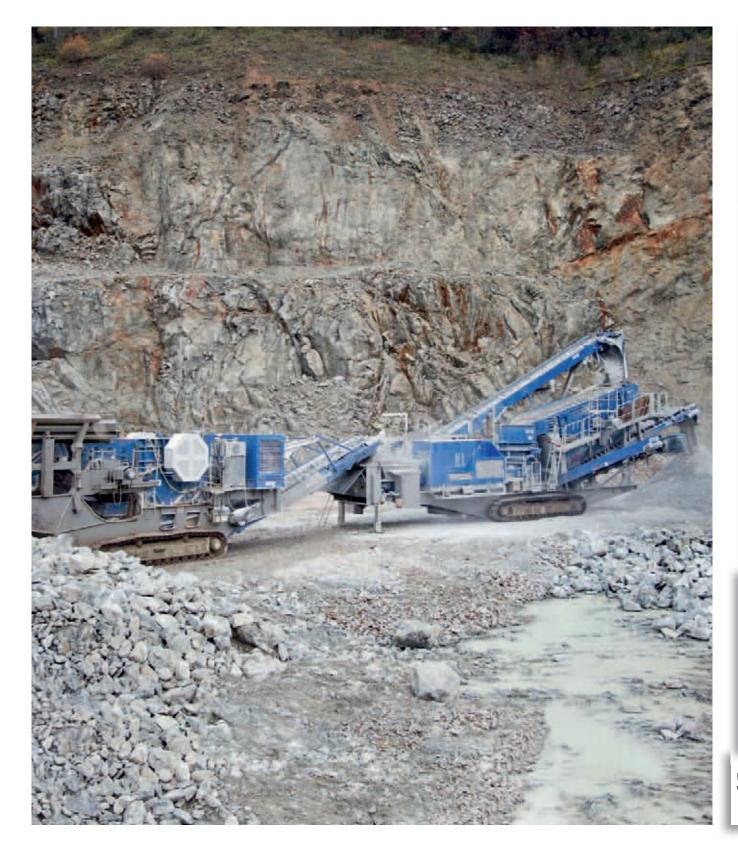
LUBRICANT REQUIREMENTS WHEN USING ORIGINAL WIRTGEN GROUP LUBRICANT CONTAINERS

Machine type	Model	Series range NEW/old	Fine aggregate belt classifying screen		Return belt classifying screen		Screen bearings of classifying screen	
			Capacity (liters)	5 liters Part No. 2170074	Capacity (liters)	5 liters Part No. 2170074	Capacity (liters)	5 liters Part No. 1238051
MC 110 R	K003	0001 - 0199	2.7	1	6	2	0.8	1
		0200 - 9999						
MC 110 Z	K004	0001 - 0199	2.7	1	6	2	0.8	1
		0200 - 9999						
MR 100 R	K012	0001 - 9999 (395178 - 9999999)	2.7	1	10.5	2	0.8	1
MR 100 Z	K013	0001 - 9999 (4061588 - 999999)	2.7	1	10.5	2	0.8	1
MR 110 R	K016	0001 - 9999	2.7	1	10.5	2	0.8	1
MR 110 Z	K017	0001 - 9999	2.7	1	10.5	2	0.8	1
MR 130 R	K023	0001 - 0199 (430049 - 9999999)	5.3	1	10.5	2	0.8	1
		0199 - 9999	5.3	1	10.5	2	0.8	1
MR 130 Z	K024	0001 - 0299 (421199 - 9999999)	5.3	1	10.5	2	0.8	1
		0300 - 9999	5.3	1	10.5	2	0.8	1

 $\label{thm:compare} \mbox{ Due to possible technical changes, please always compare with the information in the instruction manual.}$









The General Standard Terms and Conditions of Sale and Delivery apply.

The Terms and Conditions of Sale and Delivery of the company at which orders are processed can be sent on request. They can also be viewed on the website of the respective company.



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