

A JOHN DEERE COMPANY



**WIRTGEN GROUP**



The Complete  
**2024 PRODUCT RANGE**

CLOSE TO OUR CUSTOMERS

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**WIRTGEN  
PRODUCT RANGE**

**08**

**VÖGELE  
PRODUCT RANGE**

**16**

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**20**

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# A PERFECT COMBINATION.

THE WIRTGEN GROUP IS A GROUP OF COMPANIES ACTIVE IN THE GLOBAL CONSTRUCTION MACHINE INDUSTRY. THE POWER OF OUR GROUP RESULTS FROM THE STRENGTHS OF OUR FIVE LONG-ESTABLISHED PRODUCT BRANDS WIRTGEN, VÖGELE, HAMM, KLEEMANN, AND BENNINGHOVEN. WE OFFER INNOVATIVE AND RELIABLE SOLUTIONS IN OUR ROAD AND MINERAL TECHNOLOGIES BUSINESS SEGMENTS.

Our corporate group is at home all over the world. Our worldwide success is assured by five specialized production facilities in Germany, three local production facilities in Brazil, China, and India, a large number of our own sales and service organizations, and a global dealer network. Despite our international outlook, we never lose sight of our roots. Our corporate culture is founded on our history of delivering value - for the success of our customers on job sites around the world. This is what motivates our employees to work together to develop innovative processes and manufacture high-quality products.

## ROAD AND MINERAL TECHNOLOGIES

We have successfully positioned our two business segments - earning our place as the market leader in the Road Technologies segment with innovative solutions for new road construction and road rehabilitation and, in the Mineral Technologies segment, with cost-effective and reliable products that offer cutting-edge technology for the extraction and processing of minerals, the recycling of building materials, and the production of highest quality asphalt mixes.

Our premium product brands focus entirely on their individual areas of expertise, but are nevertheless united by a common commitment to the needs of our customers.

WIRTGEN not only leads the market for milling machines and recyclers for road construction, but is also the quality and technology leader in the field of slipform pavers and Surface Miners.

VÖGELE is the global market leader and sets industry standards with its seamless portfolio of road pavers, paving screeds and mobile feeders.

HAMM is the specialist for rollers and is unrivaled in field of asphalt compaction.

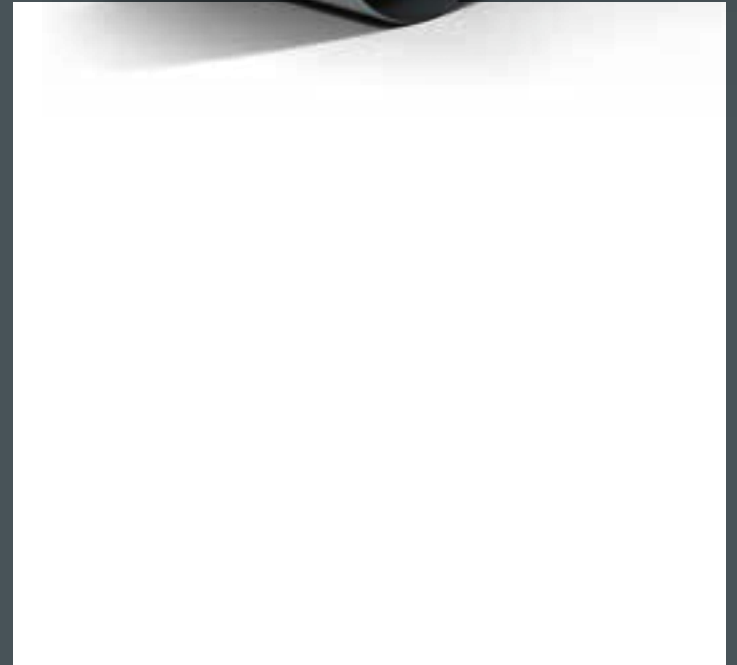
KLEEMANN is a global technology leader in the market for mobile crushing and screening plants.

BENNINGHOVEN builds the world's leading asphalt mixing plants.

CIBER is the specialist for asphalt mixing plants and localised production facilities.

The WIRTGEN GROUP is proud to be a strong part of the John Deere Construction & Forestry Division.

At WIRTGEN, we consider our promise fulfilled only when our customers achieve a competitive edge with our groundbreaking products and technologies. We view ourselves as a reliable partner to our customers.



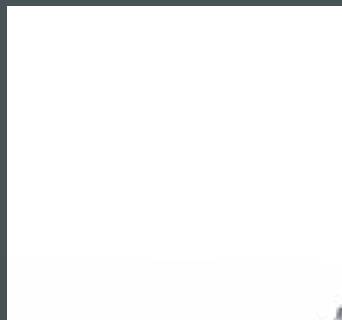
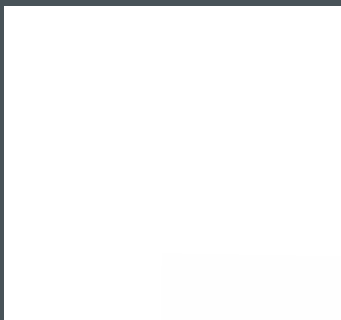
The specialists: Asphalt mixing plants from BENNINGHOVEN provide the best possible solutions for cost-effective and sustainable production of premium quality asphalt mixes. CIBER complements the product portfolio with a range of mobile continuous mixing plants.

KLEEMANN combines maximum reliability and state-of-the-art technology with outstanding application expertise.

Quality and innovative strength make VÖGELE the world's leading manufacturer of road pavers. With our modern machines and technologies, our customers are always one step ahead in the highly competitive market!



**WIRTGEN  
GROUP**



Our name is synonymous with innovative compaction technology. At HAMM, we understand innovation as the combination of the highest standards of cost-effectiveness with a forward-looking approach to the design of the workplace on the job site.

# MILLING MACHINES FROM THE GLOBAL MARKET LEADER: DESIGNED AND BUILT FOR MAXIMUM PERFORMANCE.

THE WORLD'S ROADS MUST MEET EVER-INCREASING DEMANDS. OUR INNOVATIVE AND STATE-OF-THE-ART MILLING TECHNOLOGY HELPS TO ENSURE THAT ROAD REHABILITATION PROJECTS ARE BOTH COST-EFFECTIVE AND ENVIRONMENTALLY FRIENDLY. WE ARE THE MOTOR FOR CONTINUOUS TECHNOLOGICAL ADVANCEMENT.



> Large milling machines like the W 210 Fi are ideal for the rapid completion of large-scale milling jobs.



## COLD MILLING MACHINES

WIRTGEN cold milling machines cost-effectively remove damaged road pavement. Their range of applications

extends from the removal of entire roadway structures and spot repairs to milling trenches.

### Small milling machines



Model	Milling Width	Milling Depth	Max. engine power	Operating weight, CE*
W 35 Ri	350 mm	0 - 110 mm	45 kW/61 PS	4,650 kg
W 35 XRi	350 mm	0 - 110 mm	45 kW/61 PS	4,650 kg
W 50 HR	500 mm	0 - 180 mm	86 kW/117 PS	5,750 kg
W 50 HRi	500 mm	0 - 180 mm	89 kW/121 PS	5,850 kg
W 55 HR	500 mm	0 - 180 mm	86 kW/117 PS	6,800 kg
W 55 HRi	500 mm	0 - 180 mm	89 kW/121 PS	6,900 kg
W 50 R	500 mm	0 - 210 mm	100 kW/136 PS	6,930 kg
W 50 Ri	500 mm	0 - 210 mm	105 kW/143 PS	6,930 kg
W 60 R	600 mm	0 - 210 mm	100 kW/136 PS	7,450 kg
W 60 Ri	600 mm	0 - 210 mm	105 kW/143 PS	7,450 kg
W 100 R	1,000 mm	0 - 300 mm	155 kW/211 PS	14,700 kg
W 100 Ri	1,000 mm	0 - 300 mm	160 kW/218 PS	14,850 kg
W 120 R	1,200 mm	0 - 300 mm	155 kW/211 PS	15,350 kg
W 120 Ri	1,200 mm	0 - 300 mm	160 kW/218 PS	15,500 kg
W 100 HR	1,000 mm	0 - 200 mm	155 kW/211 PS	13,600 kg
W 100 HRi	1,000 mm	0 - 200 mm	162 kW/220 PS	13,900 kg
W 130 HR	1,300 mm	0 - 200 mm	155 kW/211 PS	14,100 kg
W 130 HRi	1,300 mm	0 - 200 mm	162 kW/220 PS	14,400 kg

### Compact milling machines



Model	Milling Width	Milling Depth	Max. engine power	Operating weight, CE*
W 100 F	1,000 mm	0 - 330 mm	261 kW/355 PS	19,700 kg
W 100 Fi	1,000 mm	0 - 330 mm	265 kW/360 PS	20,000 kg
W 120 F	1,200 mm	0 - 330 mm	261 kW/355 PS	20,700 kg
W 120 Fi	1,200 mm	0 - 330 mm	265 kW/360 PS	21,000 kg
W 130 F	1,300 mm	0 - 330 mm	261 kW/355 PS	21,100 kg
W 130 Fi	1,300 mm	0 - 330 mm	265 kW/360 PS	21,400 kg
W 120 FTi	1,200 mm	0 - 330 mm	265 kW/360 PS	21,000 kg
W 150 F	1,500 mm	0 - 330 mm	276 kW/375 PS	20,900 kg
W 150 Fi	1,500 mm	0 - 330 mm	313 kW/426 PS	21,300 kg
W 125 CF	1,200 mm	0 - 330 mm	276 kW/375 PS	21,150 kg
W 125 CFi	1,200 mm	0 - 330 mm	292 kW/397 PS	21,400 kg
W 155 CF	1,500 mm	0 - 330 mm	276 kW/375 PS	20,650 kg
W 155 CFi	1,500 mm	0 - 330 mm	292 kW/397 PS	20,900 kg
W 185 CF	1,900 mm	0 - 330 mm	276 kW/375 PS	21,000 kg
W 185 CFi	1,900 mm	0 - 330 mm	292 kW/397 PS	21,250 kg

\* machine weight, half the weight of all consumables, tools, machine operator, excluding optional equipment

## Large milling machines



Model	Milling Width	Milling Depth	Engine Power Rating	Operating weight, CE**
W 195	2,000 mm	0 - 330 mm	410 kW/557 PS	29,160 kg
W 195i	2,000 mm	0 - 330 mm	410 kW/557 PS	29,710 kg
W 205	2,000 mm	0 - 330 mm	455 kW/619 PS	30,100 kg
W 205i	2,000 mm	0 - 330 mm	455 kW/619 PS	30,650 kg
W 215	2,000 mm	0 - 330 mm	470 kW/639 PS	30,290 kg
W 215i	2,000 mm	0 - 330 mm	470 kW/639 PS	30,840 kg
W 200 F***	2,000 mm	0 - 330 mm	455 kW/619 PS	28,200 kg
W 200 Fj***	2,000 mm	0 - 330 mm	455 kW/619 PS	28,200 kg
W 200 Hi	2,100 mm	0 - 300 mm	455 kW/619 PS	29,800 kg
W 207 Fj***	2,000 mm	0 - 330 mm	470 kW/639 PS	28,700 kg
W 210 F***	2,000 mm	0 - 330 mm	571 kW/777 PS	29,300 kg
W 210 Fj***	2,000 mm	0 - 330 mm	563 kW/766 PS	29,300 kg
W 220 XFi	2,200 mm	0 - 350 mm	627 kW/853 PS	37,800 kg
W 250 Fj***	2,200 mm	0 - 350 mm	753 kW/1,024 PS	42,300 kg

## RECYCLERS AND SOIL STABILISERS

WIRTGEN cold recyclers mill off the existing road pavement and mix binding agents such as foamed bitumen into the granulated pavement. During soil stabilisation, recyclers mix binding agents such as lime or cement into

the moist soil to increase its load bearing capacity. The WIRTGEN Rock Crusher enables the crushing, processing, and homogenisation of packed layers, concrete fragments, cobblestones, and stony/rocky ground.

### Cold Recyclers and Soil Stabilizers



Model	Working Width	Working Depth	Engine Power Rating	Operating Weight, CE**
WR 200	2,000 mm	0 - 500 mm	315 kW/428 PS	24,200 kg
WR 200i	2,000 mm	0 - 500 mm	320 kW/435 PS	24,500 kg
WR 200 XLi	2,400 mm	0 - 500 mm	320 kW/435 PS	25,900 kg
WR 240	2,400 mm	0 - 510 mm	455 kW/619 PS	30,000 kg
WR 240i	2,400 mm	0 - 510 mm	455 kW/619 PS	30,600 kg
WR 250	2,400 mm	0 - 560 mm	571 kW/777 PS	31,700 kg
WR 250i	2,400 mm	0 - 560 mm	563 kW/766 PS	32,000 kg

### Rock Crusher



Model	Working Width	Working Depth	Engine Power Rating	Operating weight, CE**
WRC 240	2,320 mm	0 - 510 mm	455 kW/610 PS	33,700 kg
WRC 240i	2,320 mm	0 - 510 mm	455 kW/610 PS	34,300 kg

\* the maximum working depth may deviate from the value indicated due to tolerances and wear

\*\* machine weight, half the weight of all consumables, tools, machine operator, excluding optional equipment

\*\*\* further working widths available via MCS

### Cold Recyclers



Model	Working Width	Working Depth*	Engine Power Rating	Operating Weight, CE**
W 240 CR	2,350 mm	0 - 350 mm	708 kW/963 PS	48,500 kg
W 240 CRi	2,350 mm	0 - 350 mm	775 kW/1,054 PS	48,500 kg
W 380 CR**	3,800 mm	0 - 350 mm	708 kW/963 PS	53,000 kg
W 380 CRi**	3,800 mm	0 - 350 mm	775 kW/1,054 PS	53,000 kg

### Tractor-towed stabilisers



Model	Working Width	Working Depth	Tractor engine power	Operating weight, CE*
WS 220	2,150 mm	0 - 500 mm	> 220 kW/300 PS	4,540 kg
WS 250	2,500 mm	0 - 500 mm	> 250 kW/340 PS	4,780 kg

### Mobile Cold Recycling Mixing Plants



Model	Max. Mixing Capacity	Engine Power Rating	Operating Weight, CE*
KMA 240	240 t/h	129.4 kW/176 PS	31,650 kg
KMA 240i	240 t/h	129 kW/175 PS	31,850 kg

### Ancillary Equipment for Cold Recycling and Soil Stabilization



Name	Model	Dimensions	Bitumen Temperature	Net Weight
Laboratory-scale foamed bitumen plant	WLB 10 S	1,450 x 685 x 1,345 mm	140 - 200 °C	270 kg
Name	Model	Dimensions	Mixing Capacity	Net Weight
Laboratory-scale twin-shaft pugmill	WLM 30	1,085 x 770 x 960 mm	30 kg	220 kg
Name	Model	Max. Impact Energy	Split Mold, Small (Ø x H)	Split Mold, Large (Ø x H)
Laboratory compactor	WLV 1	23 J	152 x 150 mm	152 x 320 mm

\* machine weight, half the weight of all consumables, tools, machine operator, excluding optional equipment

\*\* further working widths available via MCS

# BINDING AGENT SPREADERS FROM OUR SYSTEM PARTNER STREUMASTER



In cooperation with Streumaster, we offer a comprehensive range of spreaders for use with WIRTGEN soil stabilizers, either as tractor-towed or truck-mounted versions.

## Tractor-towed spreaders



Model	Hopper Capacity	Working Width	Spread Rate at 1 km/h	Tare weight
SW 3 FC	3.0 m <sup>3</sup>	2,460 mm	1 - 50 kg/m <sup>2</sup>	1,250 kg
SW 5 RC	5.0 m <sup>3</sup>	2,460 mm	1 - 50 kg/m <sup>2</sup>	1,380 kg

## Towed spreaders



Model	Hopper Capacity	Working Width	Spread Rate at 2 km/h	Tare weight
SW 10 TA	10.0 m <sup>3</sup>	2,500 mm	2 - 35 kg/m <sup>2</sup>	4,800 kg
SW 112 TC	12 m <sup>3</sup>	2,360 mm	1 - 60 kg/m <sup>2</sup>	6,200 kg
SW 218 TC	18 m <sup>3</sup>	2,360 mm	1 - 60 kg/m <sup>2</sup>	8,400 kg

## Truck mounted spreaders



Model	Hopper Capacity	Working Width	Spread Rate at 2 km/h	Tare weight
SW 318 MC	18 m <sup>3</sup>	2,360 mm	1 - 60 kg/m <sup>2</sup>	5,100 kg
SW 418 MC	18 m <sup>3</sup>	2,360 mm	1 - 60 kg/m <sup>2</sup>	5,300 kg
SW 422 MC	22 m <sup>3</sup>	2,360 mm	1 - 60 kg/m <sup>2</sup>	5,500 kg
SW D18 MC	18 m <sup>3</sup>	2,760 mm	5 - 60 kg/m <sup>2</sup>	5,400 kg
SW D22 MC	22 m <sup>3</sup>	2,760 mm	5 - 60 kg/m <sup>2</sup>	5,800 kg
SW T13 MC	13 m <sup>3</sup>	2,760 mm	5 - 60 kg/m <sup>2</sup>	4,400 kg

## Self-propelled spreaders



Model	Hopper Capacity	Working Width	Spread Rate at 2 km/h	Tare weight
SW 318 SC	18 m <sup>3</sup>	2,760 mm	5 - 60 kg/m <sup>2</sup>	20,700 kg
SW 318 SCi	18 m <sup>3</sup>	2,760 mm	5 - 60 kg/m <sup>2</sup>	20,700 kg

# SLIPFORM PAVERS

Slipform pavers from WIRTGEN pave heavy-duty, durable concrete pavements and other traffic surfaces as well as monolithic concrete profiles in a continuous process.

## Offset slipform pavers



Model	Paving Width	Max. Paving Height	Engine Power Rating	Operating weight, CE*
SP 15	max. 1,800 mm** (offset)	1,300 mm (offset)	92 kW/125 PS	10,000 - 13,500 kg
SP 15i	max. 1,800 mm** (offset)	1,300 mm (offset)	95 kW/129 PS	10,000 - 13,500 kg
SP 20	max. 2,500 mm (offset)	2,000 mm (offset)***	118 kW/160 PS	11,000 - 18,900 kg
SP 20i	max. 2,500 mm (offset)	2,000 mm (offset)***	115 kW/156 PS	11,000 - 18,900 kg
SP 25	max. 2,500 mm (offset) 3,500 mm (inset)	2,000 mm (offset)*** 400 mm (inset)	118 kW/160 PS	11,500 - 22,500 kg
SP 25i	max. 2,500 mm (offset) 3,500 mm (inset)	2,000 mm (offset)*** 400 mm (inset)	115 kW/156 PS	11,500 - 22,500 kg
SP 61	max. 4,000 mm (offset)	3,000 mm (offset)***	155 kW/211 PS	16,000 - 27,500 kg
SP 61i	max. 4,000 mm (offset)	3,000 mm (offset)***	180 kW/245 PS	16,000 - 27,500 kg

## Inset slipform paver



Model	Paving Width	Max. Paving Height	Engine Power Rating	Operating weight, CE*
SP 62	3,500 - 7,500 mm***	450 mm***	155 kW/211 PS	17,000 - 36,000 kg
SP 62i	3,500 - 7,500 mm***	450 mm***	180 kW/245 PS	17,000 - 36,000 kg
SP 64	2,000 - 7,500 mm***	450 mm***	155 kW/211 PS	21,000 - 54,000 kg
SP 64i	2,000 - 7,500 mm***	450 mm***	180 kW/245 PS	21,000 - 54,000 kg
SP 94	3,500 - 9,500 mm***	450 mm***	224 kW/305 PS	30,500 - 75,000 kg
SP 94i	3,500 - 9,500 mm***	450 mm***	231 kW/314 PS	30,500 - 75,000 kg
SP 102i (US version)	4,875 - 12,000 mm***	450 mm***	231 kW/314 PS	25,500 - 51,000 kg
SP 124	4,500 - 12,000 mm***	450 mm***	272 kW/370 PS	48,000 - 106,000 kg
SP 124i	4,500 - 12,000 mm***	450 mm***	321 kW/436 PS	48,000 - 106,000 kg
SP 154i****	5,000 - 16,000 mm***	450 mm***	321 kW/436 PS	38,000 - 80,000 kg
SP 164	5,000 - 16,000 mm***	450 mm***	313 kW/426 PS	48,000 - 155,000 kg
SP 164i	5,000 - 16,000 mm***	450 mm***	321 kW/436 PS	48,000 - 155,000 kg

\* Weight of machine, half weight of all operating materials, on-board tools, machine operator, no optional equipment or features  
Weights depend on the paver's range of equipment and the working width

\*\* Paving width 2,200 mm available on request

\*\*\* Special paving widths, paving heights, and other options available on request

\*\*\*\* Can be used for two-layer concrete paving

### Texture curing machine



Model	Working Width	Max. Working Height	Engine Power Rating	Operating weight, CE*
TCM 95	4,000 - 9,500 mm	500 mm	41 kW/56 PS	7,500 - 15,000 kg
TCM 95i	4,000 - 9,500 mm	500 mm	45 kW/61 PS	7,500 - 15,000 kg
TCM 180	4,000 - 18,000 mm	500 mm	41 kW/56 PS	9,000 - 19,500 kg
TCM 180i	4,000 - 18,000 mm	500 mm	45 kW/61 PS	9,000 - 19,500 kg

### Placer/spreaders



Model	Working Width	Engine Power Rating	Operating weight, CE*
WPS 62	4,000 - 7,500 mm	155 kW/211 PS	17,000 - 40,000 kg
WPS 62i	4,000 - 7,500 mm	180 kW/245 PS	17,000 - 40,000 kg
WPS 102i (US version)	4,875 - 12,000 mm	231 kW/314 PS	25,500 - 51,000 kg

## SURFACE MINERS AND CROSS APPLICATION MINERS

WIRTGEN Surface Miners cut, crush, and load rock in a single operation - without the need for drilling and blasting. WIRTGEN cross-application miners are the ideal solu-

tion for infrastructure projects with the most demanding requirements and impress with highest utilisation rates and outstanding daily productivity.

### Surface Miner



Model	Cutting Width	Cutting Depth	Engine Power Rating	Operating weight, CE*
220 SM	2,200 mm	0 - 350 mm	708 kW/963 PS	53,150 kg
220 SMi	2,200 mm	0 - 350 mm	708 kW/963 PS	54,000 kg
220 SM 3.8	3,800 mm	0 - 350 mm	708 kW/963 PS	58,050 kg
220 SMi 3.8	3,800 mm	0 - 350 mm	708 kW/963 PS	59,000 kg
280 SM	2,750 mm	0 - 650 mm	783 kW/1,065 PS	116,110 kg
280 SMi	2,750 mm	0 - 650 mm	783 kW/1,065 PS	116,875 kg
4200 SM	4,200 mm	0 - 830 mm	1,194 kW/1,623 PS	204,300 kg
4200 SMi	4,200 mm	0 - 830 mm	1,194 kW/1,623 PS	204,300 kg

### Cross application miners



Model	Cutting Width	Cutting Depth	Engine Power Rating	Operating weight, CE*
260 SX	2,750 mm	0 - 650 mm	783 kW/1,065 PS	101,110 kg
260 SXi	2,750 mm	0 - 650 mm	783 kW/1,065 PS	101,875 kg

\* machine weight, half the weight of all consumables, tools, machine operator, excluding optional equipment



> Top:  
 With all of the machines required for the process in its portfolio, the WIRTGEN GROUP offers product solutions that cover the entire in-place cold recycling value chain.

Left:  
 The compact 220 SM 3.8 is ideal for use in mining operations of all sizes.

# BEST-IN-CLASS PAVERS: FOR ALL APPLICATIONS.

VÖGELE'S SEAMLESS PRODUCT RANGE IS UNIQUE IN THE INDUSTRY. WHETHER FOR RESIDENTIAL ROADS OR HIGHWAYS, AIRPORTS OR RACING CIRCUITS, NEW CONSTRUCTION OR REHABILITATION, THICK OR THIN, HOT OR COLD - CUSTOMERS WILL FIND THE RIGHT MACHINE IN OUR RANGE OF PAVERS FOR EVERY ROAD CONSTRUCTION JOB. IN ORDER TO MAKE OUR EXTENSIVE SELECTION EVEN CLEARER, WE HAVE DIVIDED IT INTO TWO LINES: THE PREMIUM LINE AND THE CLASSIC LINE.



> Two steps ahead: the Dash 5 road pavers fulfilling tomorrow's requirements today



## PREMIUM LINE

The Premium Line encompasses all of VÖGELE's pavers that are equipped with the latest cutting-edge technologies and feature advanced engineering. Premium Line products are all equipped with the ErgoPlus operating concept. Learning how to use this system is also extremely easy, yet

it offers additional features compared to ErgoBasic, such as AutoSet Plus automatic functions, the PaveDock Assistant communication system, and the VÖGELE EcoPlus emissions reduction package.

### Compact Class



Model	Paving Width	Paving Capacity	Engine Power Rating	Operating weight
SUPER 1300-3i	0.75 - 5.00 m	Up to 350 t/h	74.4 kW/101 PS	10,850 kg
SUPER 1300-3	0.75 - 5.00 m	Up to 350 t/h	74.4 kW/101 PS	10,550 kg
SUPER 1303-3i	0.75 - 4.50 m	Up to 250 t/h	74.4 kW/101 PS	10,700 kg
SUPER 1303-3	0.75 - 4.50 m	Up to 250 t/h	74.4 kW/101 PS	10,600 kg

### Universal Class



Model	Paving Width	Paving Capacity	Engine Power Rating	Operating weight
SUPER 1600-3i	2.55 - 7.50 m*	Up to 600 t/h	115 kW/156 PS	18,750 kg
SUPER 1600-3	2.55 - 7.50 m*	Up to 600 t/h	116 kW/158 PS	18,100 kg
SUPER 1603-3i	2.55 - 7.00 m*	Up to 600 t/h	115 kW/156 PS	17,900 kg
SUPER 1603-3	2.55 - 7.00 m*	Up to 600 t/h	116 kW/158 PS	17,500 kg
SUPER 1700-3i	2.45 - 5.95 m	Up to 700 t/h	129 kW/175 PS	18,300 kg
SUPER 1700-3	2.45 - 5.95 m	Up to 700 t/h	116 kW/158 PS	18,300 kg
SUPER 1703-3i	2.45 - 5.95 m	Up to 700 t/h	129 kW/175 PS	17,300 kg
SUPER 1703-3	2.45 - 5.95 m	Up to 700 t/h	116 kW/158 PS	17,300 kg
SUPER 1800-5i	2.55 - 9.50 m	Up to 700 t/h	129 kW/175 PS	20,000 kg
SUPER 1800-5	2.55 - 9.50 m	Up to 700 t/h	129 kW/175 PS	19,850 kg
SUPER 1803-3i	2.55 - 8.00 m	Up to 700 t/h	129 kW/175 PS	18,500 kg
SUPER 1803-3	2.55 - 8.00 m	Up to 700 t/h	127 kW/173 PS	17,800 kg

\* the working widths of 7.00 m and 7.50 m are available with additional equipment on request

## Highway Class



Model	Paving Width	Paving Capacity	Engine Power Rating	Operating Weight
SUPER 1900-5i	2.55 - 11.50 m	up to 900 t/h	149 kW/203 PS	22,400 kg
SUPER 1900-5	2.55 - 11.50 m	up to 900 t/h	149 kW/203 PS	22,400 kg
SUPER 2000-3i	3.00 - 8.60 m	up to 1,400 t/h	186 kW/253 PS	22,300 kg
SUPER 2000-3	3.00 - 8.60 m	up to 1,400 t/h	179 kW/243 PS	22,250 kg
SUPER 2003-3i	3.00 - 7.75 m	up to 1,400 t/h	186 kW/253 PS	20,800 kg
SUPER 2003-3	3.00 - 7.75 m	up to 1,400 t/h	179 kW/243 PS	20,800 kg
SUPER 2100-5i	2.55 - 14.00 m	up to 1,100 t/h	187 kW/254 PS	23,300 kg
SUPER 2100-5	2.55 - 14.00 m	up to 1,100 t/h	187 kW/254 PS	23,300 kg
SUPER 3000-3i	3.00 - 18.00 m	up to 1,800 t/h	354 kW/481 PS	31,800 kg
SUPER 3000-3	3.00 - 18.00 m	up to 1,800 t/h	354 kW/481 PS	31,800 kg

## SPECIAL MACHINES

VÖGELE also offers innovative special machines. The SUPER 1800-3i SprayJet is a state-of-the-art paver with a spray assembly for bitumen emulsion. The SUPER 2100-3i IP

is a modified paver for paving the binder course as part of the InLine Pave® paving train.

## Special Class



Model	Paving Width	Paving Capacity	Engine Power Rating	Operating weight
SUPER 1800-3i SprayJet	2.55 - 9.00 m	Up to 700 t/h	129 kW/175 PS	22,810 kg
SUPER 1800-3 SprayJet	2.55 - 9.00 m	Up to 700 t/h	127 kW/173 PS	22,420 kg
SUPER 2100-3i IP	3.00 - 8.50 m	Up to 1,100 t/h	186 kW/253 PS	29,000 kg
SUPER 2100-3 IP	3.00 - 8.50 m	Up to 1,100 t/h	179 kW/243 PS	29,000 kg

## POWERFEEDERS

The MT 3000-3i Standard and MT 3000-3i Offset mobile feeders guarantee smooth, uninterrupted, and shock-free transfer of material from the truck to the paver.

## PowerFeeder Series





Model	Working Speed	Conveyor Capacity	Engine Power Rating	Operating Weight
MT 3000-3i Standard	up to 25 m/min	up to 1,200 t/h	160 kW/218 PS	19,765 kg
MT 3000-3 Standard	up to 25 m/min	up to 1,200 t/h	142 kW/193 PS	19,665 kg
MT 3000-3i Offset	up to 25 m/min	up to 1,200 t/h	160 kW/218 PS	24,285 kg
MT 3000-3 Offset	up to 25 m/min	up to 1,200 t/h	142 kW/193 PS	24,185 kg


# CLASSIC LINE

The Classic Line is a range of pavers equipped with the extremely easy-to-use ErgoBasic operating concept. These models are characterized by a straightforward machine concept that offers a basic level of operator comfort. This

does not, however, mean that the machines lack anything that is of fundamental importance during day-to-day paving operations.

Mini Class					
	Model	Paving Width	Paving Capacity	Engine Power Rating	Operating weight
	MINI 500	0.25 - 1.80 m	Up to 20 t/h	10.2 kW/14 PS	1,440 kg
	MINI 502	0.25 - 1.80 m	Up to 20 t/h	10.2 kW/14 PS	1,240 kg
	SUPER 700i	0.50 - 3.20 m	Up to 250 t/h	55.4 kW/75 PS	6,500 kg
	SUPER 700	0.50 - 3.20 m	Up to 250 t/h	54 kW/73 PS	6,500 kg
	SUPER 800i	0.50 - 3.50 m	Up to 300 t/h	55.4 kW/75 PS	6,600 kg
	SUPER 800	0.50 - 3.50 m	Up to 300 t/h	54 kW/73 PS	6,600 kg

Compact Class					
	Model	Paving Width	Paving Capacity	Engine Power Rating	Operating Weight
	SUPER 1000i	0.75 - 3.90 m	up to 270 t/h	55.4 kW/75 PS	10,250 kg
	SUPER 1000	0.75 - 3.90 m	up to 270 t/h	55 kW/75 PS	10,250 kg
	SUPER 1003i	0.75 - 3.90 m	up to 230 t/h	55.4 kW/75 PS	10,000 kg
	SUPER 1003	0.75 - 3.90 m	up to 230 t/h	55 kW/75 PS	10,000 kg
	SUPER 1300	0.75 - 5.00 m	up to 350 t/h	74.4 kW/101 PS	10,600 kg
	SUPER 1303	0.75 - 4.50 m	up to 250 t/h	74.4 kW/101 PS	10,200 kg

Universal Class					
	Model	Paving Width	Paving Capacity	Engine Power Rating	Operating weight
	SUPER 1400	2.55 - 6.30 m	up to 600 t/h	101 kW/137 PS	16,900 kg
	SUPER 1403	2.55 - 6.00 m	up to 600 t/h	101 kW/137 PS	16,100 kg
	SUPER 1880 L	2.55 - 9.50 m	up to 1,000 t/h	158 kW/215 PS	20,210 kg

# THE HAMM PRODUCT RANGE: THE RIGHT SOLUTION FOR EVERY CHALLENGE.

HAMM'S PRODUCT RANGE OFFERS STATE-OF-THE-ART MACHINES FOR ROAD CONSTRUCTION AND EARTHWORKS WITH WORKING WEIGHTS FROM 1.5 T - 25 T. THE MACHINES STAND OUT FOR THEIR EASE OF OPERATION, OUTSTANDING PRODUCTIVITY, AND RELIABILITY. WITH ITS EXTENSIVE PRODUCT PORTFOLIO, A WEALTH OF OPTIONS, AS WELL AS INNOVATIVE TECHNOLOGIES, HAMM COVERS THE MOST DIVERSE APPLICATIONS AND MEETS CUSTOMER REQUIREMENTS ALL OVER THE WORLD.



> The HC Series - the new generation of compactors from HAMM

# HD COMPACTLINE SERIES ARTICULATED TANDEM ROLLERS

The articulated tandem rollers are perfectly tailored for use on smaller road construction and landscaping sites. These

particularly maneuverable machines are capable of cost-effective compaction, even on confined job sites.

## HD CompactLine articulation-steered tandem rollers (HD 8 - HD 14(i))



Model	Weight Class	Drum Width	Engine power	Max. working width	Variants*		
					VV	VO	VT
Machines compliant with EU Stage V / EPA Tier 4 exhaust emission standards							
HD 8	1.5 t	800 mm	16.1 kW	856 mm	x		
HD 9	1.5 t	900 mm	16.1 kW	1,000 mm	x		x
HD 10C	1.5 t	1,000 mm	16.1 kW	1,064 mm	x		x
Machines compliant with UN ECE R96 (Tier 3) exhaust emission standard							
HD 10	2.5 t	1,000 mm	22.9 kW	1,050 mm	x	x	x
HD 12	2.5 t	1,200 mm	22.9 kW	1,250 mm	x	x	x
HD 13	4 t	1,300 mm	34.6 kW	1,350 mm	x	x	x
HD 14	4.5 t	1,380 mm	34.6 kW	1,430 mm	x	x	x
Machines compliant with EU Stage V / EPA Tier 4 exhaust emission standards							
HD 10	2.5 t	1,000 mm	18.5 kW	1,050 mm	x	x	x
HD 10i	2.5 t	1,000 mm	24 kW	1,050 mm	x	x	x
HD 12	2.5 t	1,200 mm	18.5 kW	1,250 mm	x	x	x
HD 12i	2.5 t	1,200 mm	24 kW	1,250 mm	x	x	x
HD 13i	4 t	1,300 mm	37.4 kW	1,350 mm	x	x	x
HD 14i	4.5 t	1,380 mm	37.4 kW	1,430 mm	x	x	x

## HD CompactLine articulation-steered tandem rollers (HD 14(i) TT)



Model	Weight class	Width over tyres	Engine power	Wheel load
Machines compliant with UN ECE R96 (Tier 3) exhaust emission standard				
HD 14 TT**	4 t	1,127/1,276 mm	34.6 kW	0.5 t
Machines compliant with EU Stage V / EPA Tier 4 exhaust emission standards				
HD 14i TT**	4 t	1,127/1,276 mm	37.4 kW	0.5 t

## HD CompactLine articulation-steered tandem rollers (HD 10e - HD 12e)



Model	Weight class	Drum width	Battery	Battery capacity	Max. working width	Variants*			
						VV	VO	VT	TO
Local zero emissions									
HD 10e	2.5 t	1,000 mm	48 V Li-ion	23.4 kWh	1,050 mm	x	x	x	x
HD 12e	2.5 t	1,200 mm	48 V Li-ion	23.4 kWh	1,250 mm	x	x	x	x

\* VV = two vibration drums; VO = one vibration drum, one oscillation drum; VT = one oscillation drum, one set of tyres; OT = one oscillation drum, one set of tyres  
 \*\* TT = two sets of tyres  
 e electric

## HD CompactLine articulation-steered tandem rollers (HD 18 - HD 50)



Model	Weight class	Drum width	Engine power	Max. working width	Variants*		
					VV	VO	VT
Machines compliant with UN ECE R96 (Tier 3) exhaust emission standard							
HD 18	1.5 t	800 mm	16.1 kW	872 mm	x		
HD 20	1.5 t	1,000 mm	16.1 kW	1,070 mm	x		
HD 30	2.5 t	1,000 mm	24 kW	1,050 mm	x		x
HD 35	3 t	1,200 mm	24 kW	1,250 mm	x		x
HD 50	4.5 t	1,380 mm	36.5 kW	1,430 mm	x		x

## HD+ SERIES ARTICULATED TANDEM ROLLERS

The HD+ series of rollers is ideal for paving large asphalt surfaces and for road construction. They impress with high compaction quality and excellent all-round vision. The Easy

Drive operating concept stands for intuitive operation and an ergonomically optimised workplace.

## HD+ series articulation steered tandem rollers (HD+ 70(i) - HD+ 140(i))



Model	Weight class	Drum width	Engine power	Max. working width	Variants*							
					VV	VV-S	V-VIO	VO	VO-S	VT	VT-S	OT
Machines compliant with UN ECE R96 (Tier 3) exhaust emission standard												
HD+ 70	7 t	1,500 mm	55.4 kW	1,635 mm	x			x		x		
HD+ 80	8 t	1,680 mm	55.4 kW	1,815 mm	x			x		x		
HD+ 90	9 t	1,680 mm	100 kW	1,850 mm	x			x		x		
HD+ 110	11 t	1,680 mm	100 kW	1,850 mm	x			x		x		
HD+ 120	12 t	1,980 mm	100 kW	2,150 mm	x			x				
HD+ 140	14 t	2,140 mm	100 kW	2,310 mm	x			x				
Machines compliant with EU Stage V / EPA Tier 4 exhaust emission standards												
HD+ 70i	7 t	1,500 mm	55.4 kW	1,635 mm	x			x		x		
HD+ 80i	8 t	1,680 mm	55.4 kW	1,815 mm	x	x		x	x	x	x	x
HD+ 90i PH**	9 t	1,680 mm	55.4 kW	1,850 mm	x	x		x	x	x	x	
HD+ 90i	9 t	1,680 mm	85 kW	1,850 mm	x	x		x	x	x	x	
HD+ 110i	11 t	1,680 mm	85 kW	1,850 mm	x			x		x		
HD+ 120i	12 t	1,980 mm	115 kW	2,150 mm	x		x	x				
HD+ 140i	14 t	2,140 mm	115 kW	2,310 mm	x			x				

\* VV = two vibrating drums; VO = one vibrating, one oscillating drum; VT = one vibrating drum, one set of tires; -S = split drum; OT = one oscillating drum, one set of tires

\*\* PH = Power Hybrid

## HX SERIES PIVOT-STEERED TANDEM ROLLERS

The HX series of pivot-steered tandem rollers offers modern high-performance machines for asphalt paving. The outstanding characteristics of these machines are precision,

unsurpassed visibility, and high output. The new Easy Drive operating concept is synonymous with intuitive operation and an ergonomically optimized workplace.

HX series pivot-steered tandem rollers (HX 70i - HX 90i)									
Model	Weight class	Drum width	Engine power	Max. working width	Variants*				
					WV	WV-S	VO-S	VS-OS	VT-S
Machines compliant with EU Stage V / EPA Tier 4 exhaust emission standards									
HX 70i	7 t	1,500 mm	55.4 kW	2,770 mm		x	x	x	x
HX 90i	9 t	1,680 mm	74.4 kW	3,050 mm	x	x	x	x	x



## HP SERIES PNEUMATIC TIRED ROLLERS

HAMM has unveiled a completely new generation of pneumatic tired rollers, the HP series. They feature an operator's platform with an unparalleled field of view, a straightforward operating concept, and flexible ballasting. A newly designed, large water tank guarantees a high level of productivity. HAMM has also developed an innovative

additive sprinkling system for the HP series. In addition, HAMM offers an additional water tank with a capacity of 1,500 liters for all models of the HP series. It can be used as a water reservoir for the sprinkling system, but also serves as an easy-to-calculate, versatile additional weight.

HP series pneumatic-tyre rollers (HP 180(i) - HP 280(i))						
Model	Weight Class	Max. Working Width	Engine Power Rating	Wheel load	Min. operating weight**	Max. operating weight
Machines compliant with UN ECE R96 (Tier 3) exhaust emission standard						
HP 180	8 - 18 t	2,084 mm	89 kW	1.0 - 2.2 t	8,505 kg	17,170 kg
HP 240**	8 - 18 t	2,084 mm	89 kW	1.0 - 2.2 t	8,505 kg	24,000 kg
HP 280	10 - 28 t	2,084 mm	89 kW	1.3-3.5 t	9,480 kg	26,950 kg
Machines compliant with EU Stage V / EPA Tier 4 exhaust emission standards						
HP 180i	8 - 18 t	2,084 mm	55.4 kW	1 - 2.2 t	8,515 kg	17,180 kg
HP 280i	10 - 28 t	2,084 mm	85 kW	1.3-3.5 t	9,505 kg	26,970 kg



\* WV = two vibration drums; VO = one vibration drum, one oscillation drum; VT = one oscillation drum, one set of tyres; -S = split drum; -OS = split oscillation drum  
 \*\* according to type plate

# HC SERIES COMPACTORS

HC series compactors offer an innovative and powerful all-inclusive package for earthworks projects. With impressive compaction performance, intuitive handling, and outstanding operator comfort, this series of compactors is

ideal for almost all earthwork tasks. HC series compactors also impress with state-of-the-art, environmentally-friendly engines.

## HC series compactors (HC 110(i) - HC 250(i))



Model	Weight Class	Drum Width	Engine Power Rating	Variants*					
				V	VIO	P	VA	VC	R
<b>Machines compliant with UN ECE R96 (Tier 3) exhaust emission standard</b>									
HC 110	11 t	2,140 mm	101 kW	x		x			
HC 110 C	11 t	2,140 mm	101 kW	x		x			
HC 130	13 t	2,140 mm	101 kW	x	x	x			
HC 130 C	13 t	2,140 mm	101 kW	x	x	x			
HC 160	16 t	2,140 mm	155 kW	x		x			
HC 180	18 t	2,140 mm	155 kW	x		x			
HC 200	20 t	2,140 mm	155 kW	x		x			
HC 200 C	20 t	2,140 mm	155 kW	x		x	x		
HC 250 C	25 t	2,140 mm	155 kW	x		x	x		x
<b>Machines compliant with EU Stage V / EPA Tier 4 exhaust emission standards</b>									
HC 100i	10 t	2,140 mm	85 kW	x		x			
HC 100i C	10 t	2,140 mm	85 kW	x		x			
HC 110i	11 t	2,140 mm	85 kW	x		x			
HC 110i C	11 t	2,140 mm	85 kW	x		x			
HC 120i	12 t	2,140 mm	85 kW	x		x			
HC 120i C	12 t	2,140 mm	85 kW	x		x			
HC 130i	13 t	2,140 mm	119.6 kW	x	x	x			
HC 130i C	13 t	2,140 mm	119.6 kW	x	x	x			
HC 140i	14 t	2,140 mm	119.6 kW	x		x			
HC 160i	16 t	2,140 mm	119.6 kW	x		x			
HC 160i C	16 t	2,140 mm	119.6 kW	x		x			
HC 180i	18 t	2,140 mm	160 kW	x		x			
HC 200i	20 t	2,140 mm	160 kW	x					
HC 200i C	20 t	2,140 mm	160 kW	x		x	x		
HC 250i C	25 t	2,140 mm	160 kW	x		x	x	x	x


\* V = vibrating drum; P = padfoot drum; VIO = combination of vibrating and oscillating drum; R = Rock; C = high climb version



## HC COMPACTLINE SERIES COMPACTORS

The innovative HC series CompactLine compactors are the all-round solution for earthworks and landscape gardening.


They impress with easy handling, excellent gradeability, and compact dimensions.


HC series compactors (HC 50i - HC 70i)							
	Model	Weight Class	Drum Width	Engine Power Rating	Variants*		
					V	VIO	P
Machines compliant with EU Stage V / EPA Tier 4 exhaust emission standards							
	HC 50i	5 t	1,370 mm	55.4 kW	x		x
	HC 70i	7 t	1,680 mm	55.4 kW	x	x	x
Machines compliant with EPA Tier 4 exhaust emission standard							
	HC 50i	5 t	1,370 mm	55.4 kW	x		x
	HC 70i	7 t	1,680 mm	55.4 kW	x	x	x


## HC SERIES COMPACTORS

The HC series of compactors for earthworks (HC 119 - HC 129) are characterized by a high degree of comfort,

outstanding ergonomics, and all-round vision, as well as by their excellent compaction performance and gradeability.

HC series compactors (HC 119 - HC 129)							
	Model	Weight Class	Drum Width	Engine Power Rating	Variants*		
					V	VIO	P
	HC 119	11 t	2,140 mm	81 kW	x		
	HC 129	12 t	2,140 mm	81 kW	x		

HC series compactors (HC 110 - HC 130) G-Tier							
	Model	Weight Class	Drum Width	Engine Power Rating	Variants*		
					V	VIO	P
Machines compliant with UN ECE R96 (Tier 3) exhaust emission standard							
	HC 110 G-Tier	11 t	2,140 mm	101 kW	x		x
	HC 130 G-Tier	12 t	2,140 mm	101 kW	x		x

HC series compactors (HC 208 - HC 268)						
	Model	Weight Class	Drum Width	Engine Power Rating	Variants*	
					V	P
Machines compliant with UN ECE R96 (Tier 3) exhaust emission standard						
	HC 208 D	20 t	2,140 mm	154 kW	x	x
	HC 228 D	22 t	2,140 mm	154 kW	x	x
	HC 268 D	26 t	2,140 mm	154 kW	x	x

\* V = vibrating drum; P = padfoot drum; VIO = combination of vibrating and oscillating drum

 [www.wirtgen-group.com/produkte-hamm](http://www.wirtgen-group.com/produkte-hamm)

# CRUSHERS AND SCREENING PLANTS FOR PROFESSIONAL ROCK PROCESSING.

CRUSHED AGGREGATE IS NEEDED AS A RAW MATERIAL FOR CONSTRUCTION AND CIVIL ENGINEERING PROJECTS. KLEEMANN'S CRUSHERS AND SCREENING PLANTS TRANSFORM UNWIELDY ROCKS INTO AGGREGATES OF PREDETERMINED GRAIN SIZE. THE ROBUST MACHINES CAN ALSO PROCESS RECYCLED MATERIAL FOR THE CONSTRUCTION INDUSTRY OR ARE USED TO PROCESS RAW MATERIALS IN THE MINING INDUSTRY.

> Intelligent line coupling ensures an optimum flow of material through several crushing stages: coupled jaw crusher, cone crusher, and screening plant.



## MOBICAT MOBILE JAW CRUSHERS

The MOBICAT series of tracked mobile jaw crushers stands out for its uncompromising design and robustness. Jaw

crushers operate using the principle of pressure crushing.

### MOBICAT mobile jaw crushers



Model	Feed Capacity	Crusher Inlet	Drive power	Machine weight*
MC 100(i) EVO	220 t/h	950 x 550 mm	155 - 165 kW**	31,000 kg
MC 110(i) EVO2	400 t/h	1,100 x 700 mm	240 - 248 kW**	42,500 kg
MC 120(i) PRO	650 t/h	1,200 x 800 mm	368 - 410 kW**	72,500 kg

## MOBIREX MOBILE IMPACT CRUSHERS

The MOBIREX series of tracked mobile impact crushers is used in soft to medium-hard natural rock and for recycling rubble.

In this process, the material to be crushed is captured by a rapidly rotating rotor, is rapidly accelerated, and smashed against a fixed impact plate ("impact toggle").

### MOBIREX mobile impact crushers



Model	Feed Capacity	Crusher Inlet	Drive power	Machine weight*
MR 100(i) NEO/NEOe	250 t/h	1,000 x 750 mm	240 kW	29,500 kg
MR 110(i) EVO2	350 t/h	1,100 x 800 mm	365 - 371 kW**	44,500 kg
MR 130(i) EVO2	450 t/h	1,300 x 900 mm	368 - 410 kW**	49,500 kg
MR 130(i) PRO	600 t/h	1,300 x 900 mm	478 kW	64,000 kg

\* minimum weight without additional options, details of exact overall weights are available on request

\*\* dependent on respective exhaust emission standards

# MOBICONE MOBILE CONE CRUSHERS

MOBICONE tracked mobile cone crushers are used for medium-hard to hard and abrasive natural stone as well as for processing raw materials in mining applications. Cone

crushers deliver the best final cubic grain sizes in the second and third crushing stage.

## Mobile cone crushers - MOBICONE



Model	Feed Capacity	Max. Feed Size	Crusher Diameter	Machine weight*
MCO 90(i) EVO2	270 t/h	200 mm	d = 970 mm	33,500 kg
MCO 110(i) PRO	470 t/h	240 mm	d = 1,120 mm	49,500 kg

# MOBISCREEN MOBILE SCREENING PLANTS

Mobile screening plants are ideal for all situations where high output is required and the material to be screened is difficult to separate.

The portfolio includes mobile screens for coarse elements and classifying screens in various size categories and versions.

## MOBISCREEN mobile screening plants



Model	Feed Capacity	Screen Size (W x L)	Drive power	Machine weight*
MSS 502(i) EVO	350 t/h	1,350 x 4,000 mm	73 - 77 kW**	26,500 kg
MSS 802(i) EVO	500 t/h	1,550 x 4,880 mm	94 - 98 kW**	32,000 kg
MSC 702(i) EVO	350 t/h	1,550 x 4,500 mm	73 - 77 kW**	30,500 kg
MSC 703(i) EVO	350 t/h	1,550 x 4,500 mm	73 - 77 kW**	33,500 kg
MSC 952(i) EVO	500 t/h	1,550 x 6,100 mm	87 - 99 kW**	33,000 kg
MSC 953(i) EVO	500 t/h	1,550 x 6,100 mm	87 - 99 kW**	37,000 kg

\* minimum weight without additional options, details of exact overall weights are available on request

\*\* dependent on respective exhaust emission standards

## MOBIBELT MOBILE STOCKPILE BELTS

MOBIBELT mobile stockpile belts are used for efficient logistics processes on job sites. The units stand out for their

short setup times as well as their remarkable flexibility and mobility.

### MOBIBELT mobile stockpile belts



Model	Feed Capacity	Discharge height	Conveyor length	Machine weight
MBT 20	450 t/h (600 t/h*)	8,400 mm	19,400 mm	11,200 kg
MBT 24	450 t/h (600 t/h*)	10,100 mm	22,700 mm	12,600 kg

\* with hybrid drive concept

*MOBIREX mobile impact crushers can achieve exceptionally high crushing rates and, above all, excellent cubic results.*



# THE NEW MASTERS OF MIXING: MADE IN GERMANY.

WHETHER TRANSPORTABLE OR STATIONARY, ASPHALT MIXING PLANTS FROM BENNINGHOVEN OFFER THE PERFECT BALANCE OF OUTSTANDING PERFORMANCE AND FLEXIBILITY. STRAIGHTFORWARD ASSEMBLY, INNOVATIVE MODULAR CONCEPTS, AND INTELLIGENT CONNECTION TECHNOLOGY ALLOW THE PLANTS TO BE RELOCATED QUICKLY WHILE KEEPING TRANSPORT AND LOGISTICS COSTS TO A MINIMUM.

> The ECO 3000, found in use across the globe - maximum mobility means outstanding flexibility.





## ECO ASPHALT MIXING PLANTS, OPTIMIZED FOR CONTAINER TRANSPORT

The ECO plant type impressively demonstrates BENNINGHOVEN's technology and high manufacturing standards. Maximum mobility and consequently outstanding flexibility characterize this plant, which is suitable for stationary operation but can also be easily rapidly relocated whenever needed. Thanks to the transport-optimized container

system, the plant components can be quickly and easily loaded, transported, stored, and unloaded. Thanks to its transport-optimized construction and dimensions, it can be transported and rapidly shipped using universally available transport vehicles.

### ECO Transportable Asphalt Mixing Plants



Model/Type	Mixing capacity	Mixer	Screening	Hot Ensiling	Loading Silo	RM Additive Rate
ECO 1250 Plus	100 t/h	2.0 t	4 to 5-fold	17 t/55 t/87 t	53 t	70%
ECO 2000	160 t/h	2.0 t	4-fold/ 5-fold/6-fold	17 t/55 t/87 t	up to 400 t	70%
ECO 3000	240 t/h	3.0 t	4-fold/ 5-fold/6-fold	17 t/55 t/87 t	up to 400 t	70%
ECO 4000	320 t/h	4.0 t	4 to 5-fold	17 t/55 t/87 t	up to 400 t	70%

## TBA TRANSPORTABLE ASPHALT MIXING PLANTS

TBA mixing plants are suitable for both semi-mobile and stationary applications. The container-type construction of the main components with plug-in wiring results in ideal transportation options and reduces the time needed for setting up the modular system. The plant's high degree of

flexibility, the available options, the large hot ensiling and mix loading silo storage capacities as well as the ability to upgrade components at any time make the TBA an impressive, highly versatile system.

### TBA Transportable Asphalt Mixing Plants



Model/Type	Mixing capacity	Mixer	Screening	Hot Ensiling	Loading Silo	RM Additive Rate
TBA 2000 Plus	160 t/h	3.0 t	5 to 6-fold	60 t/80 t/130 t	up to 517 t	40%
TBA 3000	240 t/h	3.0 t	5 to 6-fold	60 t/80 t/130 t	up to 517 t	40%
TBA 3000 Plus	240 t/h	4.0 t	5 to 6-fold	60 t/80 t/130 t	up to 517 t	40%
TBA 4000	320 t/h	4.0 t	6-fold	60 t/80 t/130 t	up to 517 t	40%

# RPP ASPHALT MIXING PLANTS/RECYCLING PLANTS

With an impressive production capacity of up to 400 t/h and an unlimited range of equipment options, the RPP series of asphalt mixing plants is the flagship of BENNINGHOVEN's product range.

The high RAP feed rates of up to 100% are one of the most notable features of the RPP. The BENNINGHOVEN

RPP plays a significant role in increasing energy efficiency, cost-effectiveness, and actively protecting the environment. Like all BENNINGHOVEN plants, the RPP models stand out thanks to maintenance-friendly, high-quality components with a long service life that meet all market and environmental requirements.

## RPP Stationary Asphalt Mixing Plants



Model/Type	Mixing capacity	Mixer	Screening	Hot Ensiling	Loading Silo	Recycling Plant Capacity (RAP additive rate of 100%)
RPP 3000 Plus	240 t/h	4.0 t	6-fold	80 - 150 t	325 - 645 t	180 t/h
RPP 4000	320 t/h	4.0 t	6-fold	80 - 320 t	325 - 1,100 t	180 - 220 t/h
RPP 4000 Plus	400 t/h	5.0 t	6-fold	170 - 320 t	355 - 1,100 t	180 - 220 t/h





*> RPP 4000 with recycling drum with hot gas generator using the counterflow method.*

# MOBILE AND CONTINUOUS: HIGHLY PRODUCTIVE ASPHALT MIXING PLANTS WITH GREATER FLEXIBILITY

THE CIBER INOVA SERIES OF MOBILE CONTINUOUS ASPHALT MIXING PLANTS. CUTTING EDGE TECHNOLOGY FOR THE PRODUCTION OF ASPHALT MIXES WITH A MIXING CAPACITY OF 100 T/H TO UP TO 200 T/H ON JUST ONE OR TWO SEMI-TRAILERS. FOUR TO SIX SILO FEEDERS WITH INDIVIDUAL WEIGHING. A NEW TECHNOLOGY FOR DRYING THE MINERAL GUARANTEES MAXIMUM HEAT EFFICIENCY, A MORE EFFICIENT DRYING PROCESS, AND LOWER FUEL CONSUMPTION. CIBER BURNERS WITH AN OPTIMAL AND CONSTANT BURNING PATTERN AND AN EXTERNAL MIXING UNIT FOR THE PRODUCTION OF HIGHEST QUALITY ASPHALT. FURTHERMORE, RECYCLING SOLUTIONS ARE ALSO AVAILABLE. A CONTROL SYSTEM WITH DIAGNOSTICS AND REMOTE MAINTENANCE FUNCTIONS OFFERS MAXIMUM PLANT UTILIZATION RATES IN ASPHALT PRODUCTION.



> The most advanced technology for the production of asphalt mixes in a continuous production process.



## MOBILE CONTINUOUS ASPHALT MIXING PLANTS

The CIBER asphalt mixing plants serves the growing market of companies that produce asphalt in a continuous produc-

tion process for medium to large job sites and focus on flexibility in application.

### Mobile continous asphalt plant



Model/Type	Production Capacity	Mineral Feeding	Dryer Technology	Burner Output	Mixing Technology	Total Filter Area
iNOVA 1000 C*	50 - 100 t/h	Individual dynamic weighing	Counter flow with Smart Heating System	6,7 MW	Pug Mill with dry mixing zone and mixing time control	518 m <sup>2</sup>
iNOVA 1200	80 - 120 t/h	Individual dynamic weighing	Counter flow	11,6 MW	Pug Mill with dry mixing zone and mixing time control	720 m <sup>2</sup>
iNOVA 1500 C*	75 - 150 t/h	Individual dynamic weighing	Counter flow with Smart Heating System	10 MW	Pug Mill with dry mixing zone and mixing time control	777 m <sup>2</sup>
iNOVA 1502 (C*)	75 - 150 t/h	Individual dynamic weighing	Counter flow with Smart Heating System	10 MW	Pug Mill with dry mixing zone and mixing time control	777 m <sup>2</sup>
iNOVA 2000 (C*)	100 - 200 t/h	Individual dynamic weighing	Counter flow with Smart Heating System	13,3 MW	Pug Mill with dry mixing zone and mixing time control	1.091 m <sup>2</sup>

## ASPHALT/FUEL TANKS AND HEAT GENERATOR

Ciber offers an exclusive range of tanks for bitumen storage and fuel tanks. Build stationary or on chassis with suitable and regular axles for road transport in the most diverse

countries. Ciber tanks are easy to install and to move around.

### Asphalt/Fuel Tanks and Heat Generator



Model/Typ	Volume of bitumen compartments	Volume of fuel compartment	Power of thermal fluid heater	Mobility
TM 303020P	30,000 l / 30,000 l (1 and 2)	20,000 l**	500,000 Kcal/h	Portable
TM 4020P	40,000 l	20,000 l**	500,000 Kcal/h	Portable
TA 50P	50,000 l	-	-	Portable
TA 30E	30,000 l	-	-	Stationary
TC 10E	-	10,000 l	-	Stationary
GC 40	-	-	500,000 Kcal/h	Stationary

\* Classic is a version of the asphalt plant with excellent performance, an easy-to-use system and reduced costs for some markets, making it a competitive plant.

\*\* Possibility of converting the fuel compartment to bitumen.

# HOT STORAGE SILO

Ciber offers an exclusive range of short-turns silos for storing ready-mix asphalt. They are built stationary or on chassis with suitable and regular axles for road trans-

portation in the most diverse countries. Ciber storage silos are easy to install and move.

## Hot Mix Silo (HMS)



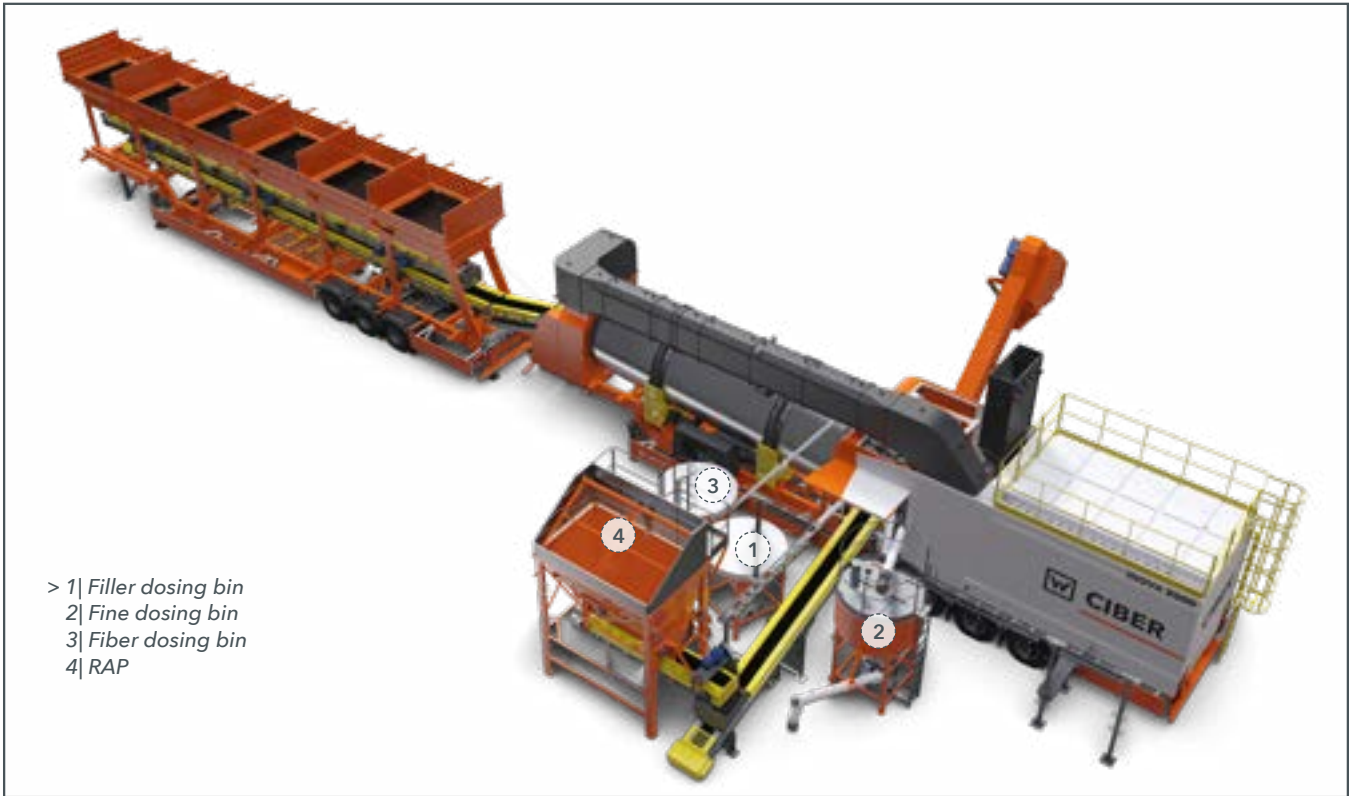
Model/Type	Storage capacity	Mixture storage time	Mobility
STA 50 P	50 t	24h	Portable
STA 50 E	50 t	24h	Stationary

# INOVA SERIES - OPTIONAL EQUIPMENT

## Optional Equipment

FILLER DOSING BIN	Bin of 2 m <sup>3</sup>
FINE DOSING BIN	Bin of 4 m <sup>3</sup>
FIBER DOSING BIN	Bin of 2 m <sup>3</sup>
RECYCLING SYSTEM 25%	RAP in the mixer
RECYCLING SYSTEM 40%	RAP in the dryer recycling ring
MOISTURE SENSOR	Integrated into the plant's production process
ASPHALT FLOW METER	Mass meter on request
FUEL FLOW METER	Open circuit operation
TETRAFUEL KIT	For burning light, heavy oils, liquid and natural gases
VIDEO CAMERA	Kit with 4 cameras
REMOTE MONITORING SYSTEM	Remote monitoring of production
ADDITIONAL VIBRATOR	Kit of 3 vibrators in bin number 2
GRID O	Oversize grid in feeder bins
TOOL BOX	Basic tool kit
ADDITIONAL DOSAGE BINS	Additional bins on request
PRINTER	Industrial printer
SPARE PARTS KIT	Kit with wear items
LEVEL INDICATOR	Aggregate level indicator
TRUCK-ASSISTANT*	Light communication system between plant and truck
RADIO	Car radio installed in the cabin

\* Exclusive for iNOVA 1502 and iNOVA 2000



> CIBER iNOVA series. Higher production capacity on only one or two semi-trailers, making them even easier to transport.

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# WIRTGEN GROUP



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