

A JOHN DEERE COMPANY



**WIRTGEN GROUP**

# Delivery Range **NORTH AMERICA**



**CLOSE TO OUR CUSTOMERS**

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**WIRTGEN  
DELIVERY RANGE**

**10**

**VÖGELE  
DELIVERY RANGE**

**18**

**HAMM  
DELIVERY RANGE**

**22**

**KLEEMANN  
DELIVERY RANGE**

**28**

# WELL ROUNDED.

THE WIRTGEN GROUP IS AN INTERNATIONALLY OPERATING GROUP OF COMPANIES IN THE CONSTRUCTION EQUIPMENT INDUSTRY. WE OWE OUR STRENGTH TO THE TRADITIONAL PRODUCT BRANDS WIRTGEN, VÖGELE, HAMM AND KLEEMANN. WE OFFER RELIABLE, INNOVATIVE SOLUTIONS IN OUR ROAD AND MINERAL TECHNOLOGIES BUSINESS SECTORS. ....





Our corporate group is at home all over the world. Five specialized production facilities in Germany; three local production facilities in Brazil, China, and India; 55 of our own sales and service companies; and a global dealer network make us successful around the globe. Despite our international alignment, we never lose sight of our roots. Our corporate culture is based on our history of delivering value – for the success of our customers on construction 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 established a successful position in our two business segments: with our innovative solutions for new road construction and road maintenance, we have become the market leader in the Road Technologies business segment.

Our cost-effective and reliable products for the Mineral Technologies business segment offer cutting-edge technology for extracting and processing useful minerals, recycling building materials, and producing asphalt.

Our premium product brands focus entirely on their respective areas of expertise, united in a common focus on the needs of our customers.

WIRTGEN is the market leader for milling machines and recyclers in road construction and offers slipform pavers and surface miners with best-in-class quality and technology.

VÖGELE is the global market leader and sets the trends in the industry with a complete range of road pavers, screeds, and feeders.

HAMM is the specialist for rollers and unrivaled in asphalt sealing.

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

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



> The delivery of a WIRTGEN GROUP machine marks the beginning of a long-standing partnership. Whether you are using machines from WIRTGEN, VÖGELE, HAMM or KLEEMANN.

# A STRONG PARTNER YOU CAN RELY ON.

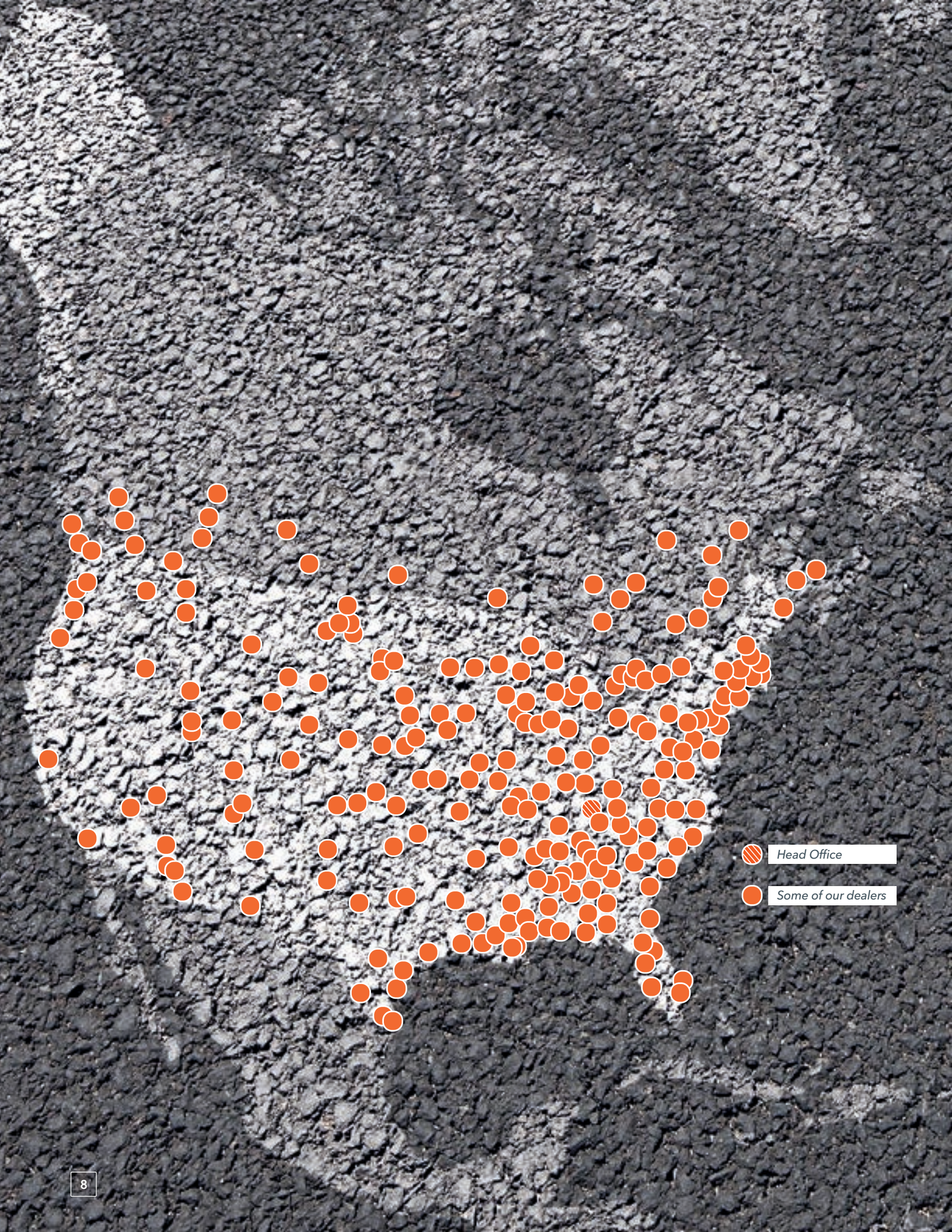
IN THE NORTH AMERICAN MARKET, WE CAN OFFER YOU OUR WORLD-RENOWNED SERVICE AT MORE THAN 250 DIFFERENT LOCATIONS, OPERATED BY OUR 35 DEALERS. THE EXPERTISE OF MORE THAN 220 PROFESSIONAL EMPLOYEES AT WIRTGEN AMERICA IS AVAILABLE TO YOU 24 HOURS A DAY. -----



Our mission is to be at your side every day for every single one of your tasks. Short reaction times and quick solutions – wherever you need us, whether at the job-site or at our dealers' locations.

We provide in-depth sales and applications advice for our equipment. You can rest assured that all WIRTGEN AMERICA employees and our 35 dealers collaborate closely to ensure swift decision making and fast troubleshooting at all times. True to our motto "Close to our customers", we are right there, whenever you need us!







-  Head Office
-  Some of our dealers



# RIGHT WHERE YOU NEED US.

## WIRTGEN AMERICA AND OUR DEALER NETWORK: A STRONG LOCAL PRESENCE. - - - - -

WIRTGEN AMERICA is located in the middle of the North American market. Our dealers are based all over the United States and Canada so that we have locations in every single state and province. But it is not only geographically that we have a great position: with our world and technology leading products we can provide customers a real advantage in their everyday work. And our dealer network does more than just sell the high quality WIRTGEN GROUP products: The delivery of one of our machines marks the beginning of a long-standing partnership. Our dealer network puts the machines, parts and service expertise close to our customers. Our dealers can always rely on the specialists of WIRTGEN AMERICA with the strong background of the specialized brand headquarters in Germany.

35  
dealer

over  
250  
locations



# MILLING MACHINES FROM THE WORLD MARKET LEADER: DESIGNED FOR TOP PERFORMANCE

THE DEMANDS ON OUR ROADS ARE CONSTANTLY ON THE RISE. OUR INNOVATIVE AND MODERN MILLING TECHNOLOGY PLAYS AN IMPORTANT PART IN ENSURING COST-EFFICIENT REHABILITATION OF ROADS WITHOUT BURDENING THE ENVIRONMENT. WE ARE THE DRIVING FORCE BEHIND CONTINUAL ADVANCEMENTS.



> Large milling machines, such as the W 250 Fi, are ideal for the speedy completion of large road milling sites.





## COLD MILLING MACHINES

WIRTGEN cold milling machines efficiently strip and remove damaged paving. The possible applications range from

excavation of complete carriageway structures through partial repairs to milling out trenches.

### Small Milling Machines



Model	Milling width	Milling depth	Max. engine power	Operating weight, CE*
W 35 Ri	14 in (350 mm)	0 – 4 in (0 – 110 mm)	45 kW / 60 HP	10,252 lbs (4,650 kg)
W 50 Ri	20 in (500 mm)	0 – 8.3 in (0 – 210 mm)	105 kW / 141 HP	15,278 lbs (6,930 kg)
W 60 Ri	24 in (600 mm)	0 – 8.3 in (0 – 210 mm)	105 kW / 141 HP	16,424 lbs (7,450 kg)
W 100 Ri	39 in (1,000 mm)	0 – 11.8 in (0 – 300 mm)	160 kW / 215 HP	32,628 lbs (14,800 kg)
W 120 Ri	48 in (1,200 mm)	0 – 11.8 in (0 – 300 mm)	160 kW / 215 HP	34,061 lbs (15,450 kg)

### Compact Milling Machines



Model	Milling width	Milling depth	Max. engine power	Operating weight, CE*
W 100 CFi	39 in (1,000 mm)	0 – 13 in (0 – 330 mm)	257 kW / 345 HP	41,888 lbs (19,000 kg)
W 100 XFi	39 in (1,000 mm)	0 – 13 in (0 – 330 mm)	257 kW / 345 HP	46,077 lbs (20,900 kg)
W 120 CFi	48 in (1,200 mm)	0 – 13 in (0 – 330 mm)	257 kW / 345 HP	44,093 lbs (20,000 kg)
W 120 XTi	48 in (1,200 mm)	0 – 13 in (0 – 330 mm)	257 kW / 345 HP	48,281 lbs (21,900 kg)
W 120 XFi	48 in (1,200 mm)	0 – 13 in (0 – 330 mm)	257 kW / 345 HP	48,281 lbs (21,900 kg)
W 130 CFi	51 in (1,300 mm)	0 – 13 in (0 – 330 mm)	257 kW / 345 HP	44,974 lbs (20,400 kg)
W 130 XFi	51 in (1,300 mm)	0 – 13 in (0 – 330 mm)	257 kW / 345 HP	49,163 lbs (22,300 kg)
W 150 CFi	59 in (1,500 mm)	0 – 13 in (0 – 330 mm)	298 kW / 400 HP	45,966 lbs (20,850 kg)

### Large Milling Machines



Model	Milling width	Milling depth	Max. engine power	Operating weight, CE*
W 200 Fi	7 ft 3 in (2,200 mm)	0 – 13 in (0 – 330 mm)	455 kW / 610 HP	62,000 lbs (28,200 kg)
W 200 Hi	6 ft 11 in (2,100 mm)	0 – 11.8 in (0 – 300 mm)	455 kW / 610 HP	61,747 lbs (28,250 kg)
W 207 Fi	7 ft 3 in (2,200 mm)	0 – 13 in (0 – 330 mm)	470 kW / 630 HP	63,150 lbs (28,700 kg)
W 210 Fi	7 ft 3 in (2,200 mm)	0 – 13 in (0 – 330 mm)	563 kW / 755 HP	64,500 lbs (29,300 kg)
W 220 Fi	7 ft 3 in (2,200 mm)	0 – 13.8 in (0 – 350 mm)	597 kW / 801 HP	69,886 lbs (37,100 kg)
W 250 Fi	7 ft 3 in (2,200 mm)	0 – 13.8 in (0 – 350 mm)	753 kW / 1,010 HP	93,255 lbs (42,300 kg)

\* Machine with standard equipment: half-filled water tank, half-filled fuel tank, driver (75 kg), on-board tools, without additional options

# COLD RECYCLERS AND SOIL STABILIZERS

WIRTGEN cold recyclers remove the existing road paving by milling and mix binders such as foamed bitumen into the granulated paving.

When stabilizing soil, the recyclers mix binders such as lime or cement into moist soils, to increase their load-bearing capacity.

## Cold Recyclers and Soil Stabilizers



Model	Working width	Working depth	Engine power	Operating weight, CE*
WR 200i	6 ft 7 in (2,000 mm)	0 – 20 in (0 – 500 mm)	320 kW / 429 HP	54,013 lbs (24,500 kg)
WR 200 XLi	7 ft 10 in (2,400 mm)	0 – 20 in (0 – 500 mm)	320 kW / 429 HP	56,659 lbs (25,700 kg)
WR 240i	7 ft 10 in (2,400 mm)	0 – 20 in (0 – 510 mm)	455 kW / 610 HP	67,461 lbs (30,600 kg)
WR 250i	7 ft 10 in (2,400 mm)	0 – 22 in (0 – 560 mm)	563 kW / 755 HP	70,548 lbs (32,000 kg)

## Cold Recyclers



Model	Working width	Working depth	Engine power	Operating weight, CE*
W 240 CRi	7 ft 8 in (2,350 mm)	0 – 13.8 in (0 – 350 mm)	708 kW / 950 HP	106,924 lbs (48,500 kg)
W 380 CRi	12 ft 6 in (3,800 mm)	0 – 13.8 in (0 – 350 mm)	708 kW / 950 HP	116,845 lbs (53,000 kg)

## Tractor-towed Soil Stabilizers



Model	Working width	Working depth	Engine power tractor	Own weight
WS 220	7 ft 11 in (2,150 mm)	0 – 20 in (0 – 500 mm)	> 180 kW / 242 HP	9,910 – 10,460 lbs (4,495 – 4,745 kg)
WS 250	8 ft 2 in (2,500 mm)	0 – 20 in (0 – 500 mm)	> 220 kW / 296 HP	10,483 – 11,034 lbs (4,755 – 5,005 kg)

## Mobile Cold Recycling Mixing Plant



Model	Max. mixing capacity	Engine power	Operating weight, CE*
KMA 220i	242,5 t/hr (220 t/h)	129,4 kW / 174 HP	66,028 lbs (29,950 kg)



## Ancillary Equipment for Cold Recycling and Soil Stabilization



Machine name	Model	Dimensions	Own weight	
Laboratory-scale foamed bitumen plant	WLB 10 S	4 ft 9 in x 2 ft 3 in x 4 ft 5 in (1,450 x 685 x 1,345 mm)	595 lbs (270 kg)	
Laboratory-scale twin-shaft compulsory mixer	WLM 30	3 ft 7 in x 2 ft 6 in x 3 ft 2 in (1,085 x 770 x 960 mm)	485 lbs (220 kg)	
Machine name	Model	Impact energy, max.	Cylindrical mould, small (Ø x H)	Cylindrical mould, large (Ø x H)
Laboratory compactor	WLV 1	23 J	152 x 150 mm	152 x 320 mm

## BINDING AGENT SPREADERS FROM OUR SYSTEM PARTNER STREUMASTER



In co-operation with Streumaster, we offer a comprehensive range of binding agent spreaders as towed or built-up models for use with WIRTGEN soil stabilizers and cold recyclers.

## Tractor-towed Binding Agent Spreader



Model	Container capacity	Working width	Spread quantity 0.6 mph (1 km/h)	Own weight
SW 3 FC	3.9 yd <sup>3</sup> (3.0 m <sup>3</sup> )	8 ft 1 in (2,460 mm)	0.02 - 1.23 gal / ft <sup>2</sup> (1 - 50 l / m <sup>2</sup> )	2,755 lbs (1,250 kg)
SW 5 RC	176.6 ft <sup>3</sup> (5.0 m <sup>3</sup> )	8 ft 1 in (2,460 mm)	0.02 - 1.2 gal / ft <sup>2</sup> (1 - 50 l / m <sup>2</sup> )	3,042 lbs (1,380 kg)

\* Machine with standard equipment: half-filled water tank, half-filled fuel tank, driver (75 kg), on-board tools, without additional options

## Binding Agent Spreaders, Series TA/TC/MA/MC



Model	Container capacity	Working width	Spread quantity 1.2 mph (2 km/h)	Own weight
SW 10 TA	13.08 yd <sup>3</sup> (10.0 m <sup>3</sup> )	8 ft 2 in (2,500 mm)	0.05 – 0.86 gal / ft <sup>2</sup> (2 – 35 l / m <sup>2</sup> )	10,582 lbs (4,800 kg)
SW 16 TA	20.9 yd <sup>3</sup> (16.0 m <sup>3</sup> )	8 ft 2 in (2,500 mm)	0.05 – 0.86 gal / ft <sup>2</sup> (2 – 35 l / m <sup>2</sup> )	14,551 lbs (6,600 kg)
SW 10 TC	13.08 yd <sup>3</sup> (10.0 m <sup>3</sup> )	7 ft 9 in (2,360 mm)	0.02 – 1.5 gal / ft <sup>2</sup> (1 – 60 l / m <sup>2</sup> )	11,023 lbs (5,000 kg)
SW 16 TC	20.9 yd <sup>3</sup> (16.0 m <sup>3</sup> )	7 ft 9 in (2,360 mm)	0.02 – 1.5 gal / ft <sup>2</sup> (1 – 60 l / m <sup>2</sup> )	14,991 lbs (6,800 kg)
SW 12 MA	15.7 yd <sup>3</sup> (12.0 m <sup>3</sup> )	8 ft 2 in (2,500 mm)	0.05 – 0.86 gal / ft <sup>2</sup> (2 – 35 l / m <sup>2</sup> )	8,819 lbs** (4,000 kg)
SW 16 MA	20.9 yd <sup>3</sup> (16.0 m <sup>3</sup> )	8 ft 2 in (2,500 mm)	0.05 – 0.86 gal / ft <sup>2</sup> (2 – 35 l / m <sup>2</sup> )	9,921 lbs** (4,500 kg)
SW 12 MC	15.7 yd <sup>3</sup> (12.0 m <sup>3</sup> )	7 ft 9 in (2,360 mm)	0.02 – 1.5 gal / ft <sup>2</sup> (1 – 60 l / m <sup>2</sup> )	9,260 lbs (4,200 kg)
SW 16 MC	20.9 yd <sup>3</sup> (16.0 m <sup>3</sup> )	7 ft 9 in (2,360 mm)	0.02 – 1.5 gal / ft <sup>2</sup> (1 – 60 l / m <sup>2</sup> )	10,362 lbs (4,700 kg)
SW 18 MC	23.5 yd <sup>3</sup> (18.0 m <sup>3</sup> )	7 ft 9 in (2,360 mm)	0.12 – 1.47 gal / ft <sup>2</sup> (5 – 60 l / m <sup>2</sup> )	10,582 lbs (4,800 kg)
SW 18 SCi	23.5 yd <sup>3</sup> (18.0 m <sup>3</sup> )	7 ft 9 in (2,360 mm)	0.12 – 1.47 gal / ft <sup>2</sup> (5 – 60 l / m <sup>2</sup> )	45,636 lbs (20,700 kg)
SW 20 MC	26.2 yd <sup>3</sup> (20.0 m <sup>3</sup> )	7 ft 9 in (2,360 mm)	0.02 – 1.5 gal / ft <sup>2</sup> (1 – 60 l / m <sup>2</sup> )	11,464 lbs (5,200 kg)

## HOT RECYCLERS

In the WIRTGEN hot recycling process, also known as the Remix process, bituminous-bound carriageway paving

is heated and, while simultaneously mixing in additives, it is repaved true to cross section, line and level.

### Hot Recycler



Model	Working width	Working depth	Engine power	Operating weight, CE*
Remixer 4500	9 ft 1 in – 14 ft 9 in (3,000 – 4,500 mm)	0 – 3 in (0 – 60 mm)	240 kW / 322 HP	105,601 lbs (47,900 kg)

### Heating Machine



Model	Working width	Heating area	Engine power	Operating weight, CE*
HM 4500	9 ft 1 in – 14 ft 9 in (3,000 – 4,500 mm)	55.39 yd <sup>2</sup> (44.64 m <sup>2</sup> )	75 kW / 100 HP	43,431 lbs (19,700 kg)

\* Machine with standard equipment: half-filled water tank, half-filled fuel tank, driver (75 kg), on-board tools, without additional options

\*\* special applications on request



# SLIPFORM PAVERS

WIRTGEN slipform pavers pave high-volume carriageways and other traffic areas as well as concrete monolithic profiles in one continuous process.



## Slipform Pavers

Model	Max. paving width	Max. paving height Offset	Engine power	Operating weight, CE*
SP 15i	6 ft Offset (1,800 mm)	4 ft 3 in (1,300 mm)	95 kW / 127 HP	22,818 lbs (10,350 kg)
SP 25i	8 ft 2 in (2,500 mm) Offset 12 ft (3,500 mm) Inset	6 ft 7 in ** (2,000 mm)	115 kW / 154 HP	29,982 - 35,494 lbs (13,600 - 16,100 kg)
SP 61i	13 ft 1 in (4,000 mm)	9 ft 1 in (3,000 mm)	180 kW / 241 HP	34,171 - 99,208 lbs (15,500 - 45,000 kg)
Model	Paving width	Max. paving thickness	Engine power	Machine weight
SP 62i	12 ft - 24 ft (3,500 - 7,500 mm)	18 in (450 mm)	180 kW / 241 HP	52,911 - 74,957 lbs (24,000 - 34,000 kg)
SP 64i	6 ft 6 in - 20 ft (2,000 mm - 6,000 mm)	18 in (450 mm)	180 kW / 241 HP	37,479 lbs - 99,208 lbs (17,000 kg - 45,000 kg)
SP 94i	12 ft - 30 ft (3,000 - 9,500 mm)	18 in (450 mm)	231 kW / 310 HP	52,910 - 143,300 lbs (24,000 - 65,000 kg)
SP 124i	14 ft - 40 ft (4,500 - 12,000 mm)	18 in (450 mm)	321 kW / 430 HP	123,459 - 224,872 lbs (56,000 - 102,000 kg)
SP 124 Li	14 ft - 40 ft (4,500 - 12,000 mm)	18 in (450 mm)	321 kW / 430 HP	110,231 - 211,644 lbs (50,000 - 96,000 kg)



## Texture Curing Machines

Model	Max. working width	Max. working height	Engine power	Operating weight, CE*
TCM 95i	32 ft (9,500 mm)	1 ft 8 in (500 mm)	55,4 kW / 74,3 HP	17,200 - 25,575 lbs (7,800 - 11,600 kg)
TCM 180i	59 ft (18,000 mm)	1 ft 8 in (500 mm)	55,4 kW / 74,3 HP	20,065 - 40,565 lbs (9,100 - 18,400 kg)



## Side Feeder

Model	Working width	Delivery capacity	Engine power	Operating weight, CE*
ISF 94i	13 ft 12 in - 31 ft 16 in (4,000 - 9,500 mm)	262 yd <sup>3</sup> /h (200 m <sup>3</sup> /h)	231 kW / 310 HP	52,911 - 143,300 lbs (24,000 - 65,000 kg)
Model	Working width	Max. working height	Engine power	Operating weight
WPS 62i	12 ft - 24 ft (4,500 - 7,500 mm)	20 in (500 mm)	180 kW / 241 HP	74,957 - 88,185 lbs (34,000 - 40,000 kg)


\* Machine with standard equipment: half-filled water tank, half-filled fuel tank, driver (75 kg), on-board tools, without additional options

\*\* special applications on request

# SURFACE MINING

WIRTGEN surface miners cut, crush and load hard rock and minerals in one operation without the need for drilling and

blasting, thus considerably increasing the utilization factor of deposits.

Surface Miner					
	Model	Cutting width	Cutting depth	Engine power	Operating weight, CE*
	220 SMi	7 ft 3 in (2,200 mm)	0 – 11.8 in (0 - 300 mm)	708 kW / 950 HP	119,070 lbs (54,000 kg)
	220 SMi 3.8	12 ft 6 in (3,800 mm)	0 – 13.8 in (0 - 350 mm)	708 kW / 950 HP	130,095 lbs (59,000 kg)
	2500 SM	8 ft 2 in (2,500 mm)	0 – 25 in (0 - 650 mm)	783 kW / 1,050 HP	246,036 lbs (111,600 kg)
	4200 SMi soft rock	13 ft 9 in (4,200 mm)	0 – 32 in (0 - 830 mm)	1,194 kW / 1,600 HP	450,397 lbs (204,300 kg)
	4200 SMi hard rock	13 ft 9 in (4,200 mm)	0 – 25 in (0 - 650 mm)	1,194 kW / 1,600 HP	443,791 lbs (201,300 kg)

\* weight of machine with half-full water tank, half-full fuel tank, driver (75 kg) and on-board tools





> *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 SMi 3.8 is the ideal candidate for use in small-scale to large-scale mining operations.





# TOP-CLASS PAVERS: FOR ALL APPLICATIONS.

WHETHER FOR AIRPORTS, MULTI-LANE MOTORWAYS, HIGHWAYS, MUNICIPAL ROADS, CYCLE PATHS AND FOOTPATHS, OR THE CONSTRUCTION OF COMPACT ASPHALT PAVEMENTS: VÖGELE CAN SUPPLY A SUITABLE PAVER FOR EVERY ONE OF THESE JOBS, FROM MINI CLASS TO HIGHWAY CLASS. THE NAME VÖGELE STANDS FOR TOP QUALITY IN ALL PRODUCTS AND SERVICES.



> The VÖGELE SUPER 1700-3i is a cutting-edge 8-foot-class paver suitable for a wide variety of applications.



## SUPER SERIES

VÖGELE pavers of the SUPER series boast practically-oriented machine dimensions, large paving widths, high compaction

performances and an outstanding mobility. Altogether, this makes for a high economic efficiency and reliability.

### Mini Class



Model	Paving width	Paving capacity up to	Engine power	Operating weight
SUPER 700i	20 in - 10 ft 6 in (0.50 - 3.20 m)	280 tons/h (250 tonnes/h)	55.4 kW / 74 HP	14,100 lbs (6,2 t)

### Compact Class



Model	Paving width	Paving capacity up to	Engine power	Operating weight
SUPER 1300-3i	2 ft 6 in - 13 ft 9 in (0.75 - 4.20 m)	385 tons/h (350 tonnes/h)	74.4 kW / 99 HP	22,930 lbs (10,6 t)

### Universal Class



Model	Paving width	Paving capacity up to	Engine power	Operating weight
SUPER 1700-3i	8 ft - 19 ft 6 in (2.45 - 5.95 m)	770 tons/h (700 tonnes/h)	129 kW / 173 hp	40,345 lbs (18.3 t)
SUPER 1703-3i	8 ft - 19 ft 6 in (2.45 - 5.95 m)	770 tons/h (700 tonnes/h)	129 kW / 173 hp	38,140 lbs (17.3 t)

## Highway Class



Model	Paving width	Paving capacity up to	Engine power	Operating weight
SUPER 2000-3i	10 ft - 28 ft 3 in (3.00 - 8.60 m)	1,540 tons/h (1,400 tonnes/h)	186 kW / 250 HP	49,053 lbs (22.25 t)
SUPER 2003-3i	10 ft - 25 ft 6 in (3.00 - 7.75 m)	1,540 tons/h (1,400 tonnes/h)	186 kW / 250 HP	46,848 lbs (21.25 t)
SUPER 2100-3i	8 ft 2 in - 42 ft 8 in (2.50 - 13.00 m)	1,200 tons/h (1,100 tonnes/h)	186 kW / 250 HP	48,280 lbs (21.9 t)

## SPECIAL CLASS AND POWERFEEDERS

VÖGELE also offers innovative special machinery. The SUPER 1800-3i SprayJet makes a highly advanced spray paver. The

feeder MT 3000-2i Offset ensures a consistently high flow of material to the paver.

### Special Machinery



Model	Speed of work up to	Conveying capacity up to	Engine power	Operating weight
MT 3000-2i Offset	250 fpm (76 m/min)	1,320 tons/h (1,200 tonnes/h)	160 kW / 215 HP	57,100 lbs (25.9 t)
Model	Width of spread	Paving capacity up to	Engine power	Operating weight
SUPER 1800-3i SprayJet	8 ft 4 in - 19 ft 8 in (2.55 - 6.00 m)	770 tons/h (700 tonnes/h)	125 kW / 168 HP	48,500 lbs (22.0 t)



> Top:  
The VÖGELE SUPER  
2100-3i Highway  
Class paver with the  
AB 600 TV Extending  
Screed paving  
RAP that has been  
recycled on the job  
site.

Left:  
World's only spray  
paver for paving  
thin layers as well  
as conventional  
surface and binder  
courses.





# ECONOMICAL AND EFFECTIVE: COMPACTORS FROM HAMM.

THE COMPACTOR'S JOB IS TO PRODUCE A HIGH LOAD-BEARING CAPACITY. COMPACTORS FROM HAMM ACHIEVE THIS THROUGH MAXIMUM PRODUCTIVITY AND QUALITY, COMBINED WITH LOW CONSUMPTION AND COMFORTABLE OPERATION. THE LARGE RANGE INCLUDES MACHINES FROM 5 TO 25 T WITH SMOOTH, PADFOOT AND VC CRUSHER DRUMS.



> Crushing and compacting rock is a new field of application in soil compaction.



## ARTICULATED TANDEM ROLLERS OF THE HD COMPACTLINE SERIES

The articulated tandem rollers are perfectly adapted to applications on smaller road construction and landscaping

sites. These highly manoeuvrable machines permit economical compaction even on very cramped sites.

### Articulated tandem rollers of the HD CompactLine Series



Model	Weight class	Max. working width	Engine power	Variants*		
				VV	VO	VT
Emission standard EU Stage V/ EPA Tier 4 resp. EPA Tier 3						
HD 8	3,500 lbs (1.5 t)	33.7 in (856 mm)	16.8 kW / 22.5 HP	x	x	x
HD 10C	3,500 lbs (1.5 t)	41.57 in (1,056 mm)	16.8 kW / 22.5 HP	x	x	x
Emission standard EU Stage V/EPA Tier 4						
HD 10	5,500 lbs (2.5 t)	41.34 in (1,050 mm)	18.5 kW / 24.8 HP	x	x	x
HD 10i	5,500 lbs (2.5 t)	41.34 in (1,050 mm)	24 kW / 32.2 HP	x	x	x
HD 12	5,500 lbs (2.5 t)	49.21 in (1,250 mm)	18.5 kW / 24.8 HP	x	x	x
HD 12i	5,500 lbs (2.5 t)	49.21 in (1,250 mm)	24 kW / 32.2 HP	x	x	x
HD 13i	9,000 lbs (4 t)	53.15 in (1,350 mm)	37.4 kW / 50.1 HP	x	x	x
HD 14i	10,000 lbs (4.5 t)	56.3 in (1,430 mm)	37.4 kW / 50.1 HP	x	x	x

### Articulated tandem rollers of the HD CompactLine Series



Model	Weight class	Wheel load	Engine power
Emission standard EU Stage V/EPA Tier 4			
HD 14i TT*	9,000 lbs (4 t)	1,102 lbs (0,5 t)	37.4 kW / 50.1 HP

\* VV = two vibratory drums, VO = 1 vibratory drum, 1 oscillating drum, VT = 1 vibratory drum, 1 set of wheels, S = divided drum, OT = 1 oscillating drum, 1 set of wheels, HF = High Frequency, TT = 2 sets of wheels

# ARTICULATED TANDEM ROLLERS OF THE HD+ SERIES

HD+ Series rollers are perfectly designed for road construction and for the paving of large asphalt surfaces. They convince with high compaction quality and excellent visibility.

The new operating concept Easy Drive stands for intuitive operation and an ergonomically optimized workplace.



Articulated tandem rollers of the HD+ Series

Model	Weight class	Max. working width	Engine power	Variants*							
				VV	VV-S	VV-HF	VO	VO-S	VT	VT-S	OT
Emission standard EU Stage IIIB/EPA Tier 4											
HD+ 70i	15,400 lbs (7 t)	64.37 in (1,635 mm)	55.4 kW / 74.2 HP	x		x	x		x		
HD+ 80i	17,600 lbs (8 t)	71.46 in (1,815 mm)	55.4 kW / 74.2 HP	x	x	x	x	x	x	x	x
Emission standard EU Stage IV/EPA Tier 4											
HD+ 90i	19,800 lbs (9 t)	72.83 in (1,850 mm)	85 kW / 113.9 HP	x	x	x	x	x	x	x	
HD+ 110i	24,200 lbs (11 t)	72.83 in (1,850 mm)	85 kW / 113.9 HP	x		x	x		x		
Emission standard EU Stage V/EPA Tier 4											
HD+ 90i PH	19,800 lbs (9 t)	72.83 in (1,850 mm)	55.4 kW / 74.2 HP	x	x		x	x	x	x	
HD+ 120i	26,500 lbs (12 t)	84.65 in (2,150 mm)	115 kW / 154.1 HP	x		x	x				
HD+ 140i	30,900 lbs (14 t)	90.94 in (2,310 mm)	115 kW / 154.1 HP	x		x	x				

Articulated tandem rollers of the DV+ Series



Model	Weight class	Max. working width	Engine power	Variants*			
				VV-S	VO-S	VT-S	VS-OS
Emission standard EU Stage V/EPA Tier 4							
DV+ 70i	15,400 lbs (7 t)	109.05 in (2,770 mm)	54.6 kW / 73.2 HP	x	x	x	x
DV+ 90i	19,800 lbs (9 t)	120.08 in (3,050 mm)	74.4 kW / 101.2 HP	x	x	x	x

\* VV = two vibratory drums, VO = 1 vibratory drum, 1 oscillating drum, VT = 1 vibratory drum, 1 set of wheels, S = divided drum, OS = split oscillation drum



## PNEUMATIC-TIRE ROLLERS OF THE HP SERIES

Pneumatic-tire rollers of the HP Series are used to compact asphalt pavements. They convince due to their high compaction quality and the flexible ballast design. The comfortable

operator platform, compact dimensions and sight channels in the asymmetric frame offer drivers improved comfort and visibility.

Pneumatic-tire rollers of the HP Series



Model	Weight class	Max. working width	Engine power	Wheel load
Emission standard EU Stage IV/EPA Tier 4				
HP 280i	20,954 – 59,469 lbs (10 – 28 t)	82.0 in (2,084 mm)	85 kW / 113.9 HP	2,880 – 7,731 lbs (1.3 – 3.5 t)
Emission standard EU Stage V/EPA Tier 4				
HP 180i	17,673 – 39,683 lbs (8 – 18 t)	82.0 in (2,084 mm)	55.5 kW / 74.2 HP	2,204 – 4,850 lbs (1 – 2.2 t)

## COMPACTORS OF THE H COMPACTLINE SERIES

The innovative compactors of the H CompactLine Series are allrounders for earthwork applications. Their convincing

arguments are easy operation, powerful gradeability and compact dimensions.

Compactors of the H CompactLine Series



Model	Weight class	Drum width	Engine power	Variants*		
				V	P	VIO
Emission standard EU Stage V/EPA Tier 4						
H 5i	11,000 lbs (5 t)	53.94 in (1,370 mm)	55.4 kW / 74.2 HP	x	x	
H 7i	15,400 lbs (7 t)	66.14 in (1,680 mm)	55.4 kW / 74.2 HP	x	x	x

\* V = vibratory drum, P = padfoot drum, OS = split oscillation drum, VIO = combination of vibratory and oscillating drum

## COMPACTORS OF THE H SERIES

Series H compactors for earthwork applications are characterized by top performance, perfect visibility and powerful gradeability. The new operating concept Easy Drive stands for

intuitive operation and an ergonomically optimized workplace. These compactors are equipped with the latest exhaust technology.



Compactors of the H Series

Model	Weight class	Drum width	Engine power	Variants*				
				V	C	P	CP	VIO
Emission standard EU Stage IV/EPA Tier 4f								
H 10i	22,000 lbs (10 t)	84.25 in (2,140 mm)	85 kW / 113.9 HP	x		x		
H 12i	24,200 lbs (11 t)	84.25 in (2,140 mm)	85 kW / 113.9 HP	x		x		
Emission standard EU Stage V/EPA Tier 4								
H 13i	28,600 lbs (13 t)	84.25 in (2,140 mm)	115 kW / 154.1 HP	x	x	x	x	x
H 16i	35,300 lbs (16 t)	84.25 in (2,140 mm)	115 kW / 154.1 HP	x		x		
H 18i	39,700 lbs (18 t)	84.25 in (2,140 mm)	160 kW / 214.4 HP	x		x		
H 20i	44,000 lbs (20 t)	84.25 in (2,140 mm)	160 kW / 214.4 HP	x	x	x	x	
H 25i	55,000 lbs (25 t)	84.25 in (2,140 mm)	160 kW / 214.4 HP	x			x	

## COMPACTORS OF THE VC SERIES

Compactors of the VC series stand for top performance in breaking and compacting. Their main application area is breaking up hard materials and compacting them.

Nevertheless, they can be used as well in classical earthwork applications. Easy operation, powerful gradeability and flexibility are the hallmarks of these compactors.



Compactors of the VC Series

Model	Weight class	Drum width	Engine power
Emission standard EU Stage V/EPA Tier 4			
H 25i VC*	55,000 lbs (25 t)	87.4 in (2,220 mm)	160 kW / 214.4 PS

\* VC = crusher drum



> Left:

*The 3-point swivel joint guarantees unsurpassed off-road mobility and maximum driving comfort.*

Bottom:

*The oscillation technology developed in Tirschenreuth for tandem rollers has proved its value when compacting surface courses on Grand Prix circuits.*





# CRUSHERS AND SCREENS FOR PROFESSIONAL ROCK AND STONE PROCESSING

CRUSHED AGGREGATE IS NEEDED AS A RAW MATERIAL FOR CONSTRUCTION AND CIVIL ENGINEERING PROJECTS. CRUSHERS AND SCREENS FROM KLEEMANN CONVERT OVERSIZE LUMPS OF ROCK INTO AGGREGATE OF DEFINED SIZE. THE ROBUST MACHINES CAN ALSO PROCESS RECYCLING 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 machine.



## MOBILE JAW CRUSHERS - MOBICAT

The track mounted jaw crushers of the MOBICAT series are characterized by their uncompromising design and sturdy-

ness. Jaw crushers operate according to the principle of pressure crushing.

Mobile Jaw Crushers - MOBICAT



Model	Feed capacity	Crusher inlet	Engine power	Machine weight
MC 100 Ri EVO	243 US t/h	37 in x 22 in (950 x 550 mm)	155 kW / 208 HP	71,300 lbs (32,340 kg)
MC 110 Ri EVO	364 US t/h	44 in x 28 in (1,100 x 700 mm)	243 kW / 326 HP	90,400 lbs (41,000 kg)
MC 110 Zi EVO	364 US t/h	44 in x 28 in (1,100 x 700 mm)	243 kW / 326 HP	94,350 lbs (42,800 kg)
MC 120 Zi PRO	717 US t/h	48 in x 32 in (1,200 x 800 mm)	368 kW / 493 HP	158,750 lbs (72,000 kg)
MC 125 Z	717 US t/h	49 in x 39 in (1,250 x 1,000 mm)	364 kW / 488 HP	286,600 lbs (130,000 kg)
MC 140 Z	827 US t/h	55 in x 45 in (1,400 x 1,130 mm)	438 kW / 587 HP	352,740 lbs (160,000 kg)
MC 160 PRR	1,323 US t/h	63 in x 49 in (1,600 x 1,250 mm)	580 kW / 778 HP	881,850 lbs (400,000 kg)

## MOBILE IMPACT CRUSHERS - MOBIREX

The track mounted jaw crushers of the MOBIREX series are used for soft to medium-hard natural stone and for the reprocessing of residual construction materials. In this process, the

crushed material is picked up by a fast moving rotor, greatly accelerated and smashed against an impact plate ("impact toggle").

Mobile Impact Crushers - MOBIREX



Model	Feed capacity	Crusher inlet	Engine power	Machine weight
MR 110 Zi EVO2	386 US t/h	44 in x 32 in (1,100 x 800 mm)	368 kW / 493 HP	120,150 lbs (54,500 kg)
MR 122 Zi	524 US t/h	50 in x 39 in (1,270 x 1,000 mm)	365 kW / 489 HP	149,700 lbs (67,900 kg)
MR 130 Zi EVO2	496 US t/h	52 in x 36 in (1,300 x 900 mm)	368 kW / 493 HP	132,300 lbs (60,000 kg)
MR 150 Z	606 US t/h	60 in x 39 in (1,520 x 1,000 mm)	480 kW / 643 HP	165,350 lbs (75,000 kg)
MR 170 Z	772 US t/h	65 in x 39 in (1,660 x 1,000 mm)	480 kW / 643 HP	205,000 lbs (93,000 kg)



## MOBILE SCREENS – MOBISCREEN

Mobile screens are suitable for use wherever high outputs are required and where difficult to screen material has to be

separated. The range of KLEEMANN tracked screens extends from 75.35 ft<sup>2</sup> (7 m<sup>2</sup>) to 198 ft<sup>2</sup> (18.4 m<sup>2</sup>) screening area.

Mobile Screens – MOBISCREEN



Model	Feed capacity	Screen size (W x L)	Engine Power	Machine weight
MS 12 Z	221 US t/h	4 ft x 9 ft 2 in (1,220 x 2,800 mm)	75 kW / 101 HP	34,100 lbs (15,500 kg)
MS 13 Z	309 US t/h	4 ft 6 in x 12 ft (1,370 x 3,660 mm)	75 kW / 101 HP	50,700 lbs (23,000 kg)
MS 15 Z	441 US t/h	5 ft x 16 ft (1,525 x 4,880 mm)	75 kW / 101 HP	72,750 lbs (33,000 kg)
MS 702 EVO	386 US t/h	5 ft 1 in x 14 ft 9 in (1,550 x 4,500 mm)	73 kW / 98 HP	67,250 lbs (30,500 kg)
MS 703 EVO	386 US t/h	5 ft 1 in x 14 ft 9 in (1,550 x 4,500 mm)	73 kW / 98 HP	73,900 lbs (33,500 kg)
MS 952 EVO	551 US t/h	5 ft 1 in x 20 ft (1,550 x 6,100 mm)	99 kW / 133 HP	72,750 lbs (33,000 kg)
MS 953 EVO	551 US t/h	5 ft 1 in x 20 ft (1,550 x 6,100 mm)	99 kW / 133 HP	81,600 lbs (37,000 kg)
MS 21 Z	500 US t/h	6 ft 1 in x 20 ft (1,830 x 6,100 mm)	165 kW / 221 HP	82,700 lbs (37,500 kg)
MS 20 D	717 US t/h	6 ft 9 in x 19 ft 8 in (2,050 x 6,000 mm)	226 kW / 303 HP	123,500 lbs (56,000 kg)
MS 23 D	882 US t/h	7 ft 7 in x 26 ft 3 in (2,300 x 8,000 mm)	226 kW / 303 HP	205,000 lbs (93,000 kg)

## MOBILE SECONDARY CRUSHERS – MOBICONE AND MOBIFOX

KLEEMANN has developed special secondary crusher units which work, electrically interlocked, together with other machines such as primary crushers and screens.

Mobile Secondary Crushers – MOBICONE and MOBIFOX



Model	Feed capacity	Max. feed size	Crusher system size	Machine weight
MCO 9i EVO	298 US t/h	8 in (200 mm)	d = 38 in (970 mm)	68,350 lbs (31,000 kg)
MCO 9 Si EVO	270 US t/h	8 in (200 mm)	d = 38 in (970 mm)	90,950 lbs (41,250 kg)
MCO 11i PRO	518 US t/h	9.4 in (240 mm)	d = 44 in (1,120 mm)	110,230 lbs (50,000 kg)
MCO 11 S	496 US t/h	8 in (200 mm)	d = 44 in (1,120 mm)	165,350 lbs (75,000 kg)
MCO 13	650 US t/h	13 in (330 mm)	d = 52 in (1,320 mm)	167,550 lbs (76,000 kg)
MCO 13 S	717 US t/h	11 in (280 mm)	d = 52 in (1,320 mm)	253,530 lbs (115,000 kg)
MF 14 S	331 US t/h	9 in (220 mm)	4 ft 8 in x 24 in (1,420 x 600 mm)	171,960 lbs (78,000 kg)
MF 16 S	441 US t/h	10 in (250 mm)	5 ft 4 in x 24 in (1,620 x 600 mm)	264,550 lbs (120,000 kg)





> Left:  
Screens are used where high performance is required and the material involved is difficult to screen.

Bottom:  
MOBIREX mobile impact crushers can achieve very high crushing rates and above all very good cubic results.





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