

# WIRTGEN PRODUCT RANGE











# WIRTGEN MAIN PRODUCTION PLANT WINDHAGEN, GERMANY

## WHERE INNOVATION HAPPENS

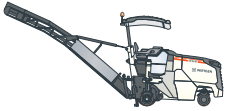
What began as a haulage company for construction materials in 1961 has developed, over the years, into an innovation hub for cutting-edge technologies.

A company site covering more than 380,000 m<sup>2</sup>, total staff of 2,000, and more than 90 different machine models - these are the striking key figures of WIRTGEN GmbH's main production plant located in the Rhineland-Palatinate village of Windhagen. Here is where cold milling machines, hot and cold recyclers, soil stabilizers, slipform pavers and surface miners for the company's two lines of business, Road and Mineral Technologies, are manufactured in accordance with state-of-the-art production methods.

For our customers to be able to work as efficiently as we do, we are continuously improving the WIRTGEN technologies. We can draw on an unrivaled wealth of expertise gained over many decades in particular in our core competencies: cutting technology, leveling technology, control technology and mixing procedures.

Our application specialists are in regular contact with customers around the globe to discuss the challenges and application requirements they are facing in the field. These then form the basis for developing solutions and products that ensure your success.





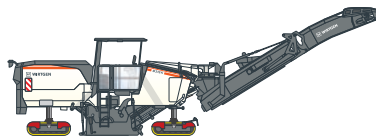
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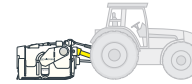
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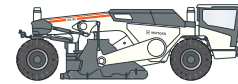
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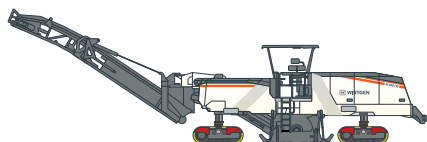


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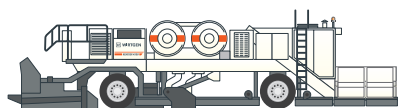


# PRODUCT OVERVIEW



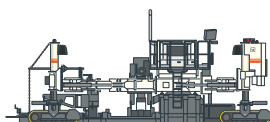
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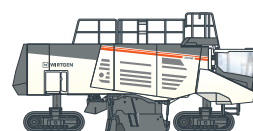
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# WIRTGEN

## SMALL MILLING MACHINES

Small milling machines are equipped with a wheeled chassis and a milling drum positioned at the rear. The granulated RAP which is broken up by the rotating milling drum is transferred to a slewing and height-adjustable discharge conveyor and immediately loaded onto waiting transport vehicles.

The compact rear loaders are highly maneuverable and their rear right wheel can be swiveled in when milling flush to the edges of obstacles.

A variety of different milling drums are available, enabling the small milling machines to cover a wide range of applications extending from partial pavement rehabilitations and tie-in milling to the rehabilitation of industrial floors.







# SMALL MILLING MACHINES

High versatility when milling small areas



## W 35 Ri

**Milling width:** 350 mm

**Milling depth:** 0 - 110 mm

**Engine power:** 45 kW / 60 HP / 61 PS

**Operating weight, CE\*:** 4,650 kg

EU Stage 5



## W 35 X Ri

**Milling width:** 350 mm

**Milling depth:** 0 - 110 mm

**Engine power:** 45 kW / 60 HP / 61 PS

**Operating weight, CE\*:** 4,650 kg

US EPA Tier 4f



## W 50 R

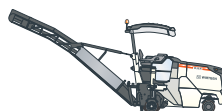
**Milling width:** 500 mm

**Milling depth:** 0 - 210 mm

**Engine power:** 100 kW / 134 HP / 136 PS

**Operating weight, CE\*:** 6,930 kg

EU Stage 3a / US EPA Tier 3



## W 50 Ri

**Milling width:** 500 mm

**Milling depth:** 0 - 210 mm

**Engine power:** 105 kW / 141 HP / 143 PS

**Operating weight, CE\*:** 6,930 kg

EU Stage 5 / US EPA Tier 4f



## W 50 H

**Milling width:** 500 mm

**Milling depth:** 0 - 180 mm

**Engine power:** 82 kW / 110 HP / 111 PS

**Operating weight, CE\*:** 5,805 kg

EU Stage 3a / US EPA Tier 3, CN Stage 3



## W 55 H

**Milling width:** 500 mm

**Milling depth:** 0 - 180 mm

**Engine power:** 82 kW / 110 HP / 111 PS

**Operating weight, CE\*:** 6,360 kg

EU Stage 3a / US EPA Tier 3, CN Stage 3



## W 60 R

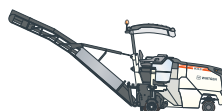
**Milling width:** 600 mm

**Milling depth:** 0 - 210 mm

**Engine power:** 100 kW / 134 HP / 136 PS

**Operating weight, CE\*:** 7,450 kg

EU Stage 3a / US EPA Tier 3



## W 60 Ri

**Milling width:** 600 mm

**Milling depth:** 0 - 210 mm

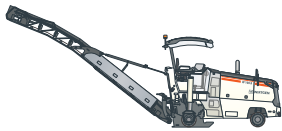
**Engine power:** 105 kW / 141 HP / 143 PS

**Operating weight, CE\*:** 7,450 kg

EU Stage 5 / US EPA Tier 4f

\* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment





#### W 100 R

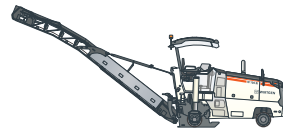
**Milling width:** 1,000 mm

**Milling depth:** 0 - 300 mm

**Engine power:** 155 kW / 208 HP / 211 PS

**Operating weight, CE\*:** 14,700 kg

EU Stage 3a / US EPA Tier 3



#### W 100 Ri

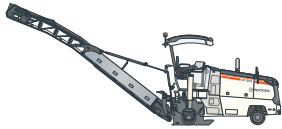
**Milling width:** 1,000 mm

**Milling depth:** 0 - 300 mm

**Engine power:** 160 kW / 215 HP / 218 PS

**Operating weight, CE\*:** 14,850 kg

EU Stage 5 / US EPA Tier 4f



#### W 120 R

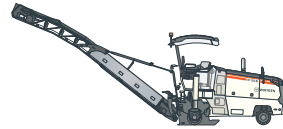
**Milling width:** 1,200 mm

**Milling depth:** 0 - 300 mm

**Engine power:** 155 kW / 208 HP / 211 PS

**Operating weight, CE\*:** 15,350 kg

EU Stage 3a / US EPA Tier 3



#### W 120 Ri

**Milling width:** 1,200 mm

**Milling depth:** 0 - 300 mm

**Engine power:** 160 kW / 215 HP / 218 PS

**Operating weight, CE\*:** 15,500 kg

EU Stage 5 / US EPA Tier 4f





#### W 100 H

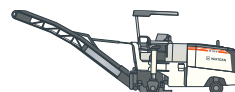
**Milling width:** 1,000 mm

**Milling depth:** 0 - 200 mm

**Engine power:** 155 kW / 208 HP / 211 PS

**Operating weight, CE\*:** 12,900 kg

EU Stage 3a / US EPA Tier 3, CN Stage 3



#### W 130 H

**Milling width:** 1,300 mm

**Milling depth:** 0 - 200 mm

**Engine power:** 155 kW / 208 HP / 211 PS

**Operating weight, CE\*:** 13,400 kg

EU Stage 3a / US EPA Tier 3, CN Stage 3

\* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment









# WIRTGEN

## COMPACT MILLING MACHINES

The highly flexible compact milling machines combine the advantages of the small and large milling machine classes. The maneuverable front-loaders are easy to transport and are ideal for use on confined job sites.

These powerful machines can mill off entire asphalt pavements cost-effectively. A wide range of different milling drums is available, greatly extending the possible range of applications so that the milling of individual layers and fine milling operations are also among the everyday tasks of these machines.

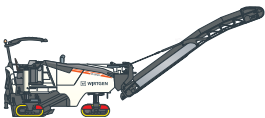


**W 100 CF****Milling width:** 1,000 mm**Milling depth:** 0 - 330 mm**Engine power:** 261 kW / 350 HP / 355 PS**Operating weight, CE\*:** 18,850 kg

EU Stage 3a / US EPA Tier 3

**W 100 CFi****Milling width:** 1,000 mm**Milling depth:** 0 - 330 mm**Engine power:** 257 kW / 345 HP / 350 PS**Operating weight, CE\*:** 19,000 kg

EU Stage 5

**W 100 XFi****Milling width:** 1,000 mm**Milling depth:** 0 - 330 mm**Engine power:** 257 kW / 345 HP / 350 PS**Operating weight, CE\*:** 20,900 kg

US EPA Tier 4f

**W 120 CF****Milling width:** 1,200 mm**Milling depth:** 0 - 330 mm**Engine power:** 261 kW / 350 HP / 355 PS**Operating weight, CE\*:** 19,850 kg

EU Stage 3a / US EPA Tier 3

**W 120 CFi****Milling width:** 1,200 mm**Milling depth:** 0 - 330 mm**Engine power:** 257 kW / 345 HP / 350 PS**Operating weight, CE\*:** 20,000 kg

EU Stage 5

**W 120 XTi****Milling width:** 1,200 mm**Milling depth:** 0 - 330 mm**Engine power:** 257 kW / 345 HP / 350 PS**Operating weight, CE\*:** 21,900 kg

US EPA Tier 4f



# COMPACT MILLING MACHINES

Maneuverable and flexible on the job site



## W 120 XFi

**Milling width:** 1,200 mm

**Milling depth:** 0 - 330 mm

**Engine power:** 257 kW / 345 HP / 350 PS

**Operating weight, CE\*:** 21,900 kg

US EPA Tier 4f



## W 130 CF

**Milling width:** 1,300 mm

**Milling depth:** 0 - 330 mm

**Engine power:** 261 kW / 350 HP / 355 PS

**Operating weight, CE\*:** 20,250 kg

EU Stage 3a / US EPA Tier 3



## W 130 CFi

**Milling width:** 1,300 mm

**Milling depth:** 0 - 330 mm

**Engine power:** 257 kW / 345 HP / 350 PS

**Operating weight, CE\*:** 20,400 kg

EU Stage 5



## W 130 XFi

**Milling width:** 1,300 mm

**Milling depth:** 0 - 330 mm

**Engine power:** 257 kW / 345 HP / 350 PS

**Operating weight, CE\*:** 22,300 kg

US EPA Tier 4f



## W 150 CF

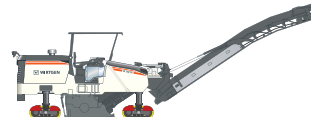
**Milling width:** 1,500 mm

**Milling depth:** 0 - 330 mm

**Engine power:** 276 kW / 370 HP / 375 PS

**Operating weight, CE\*:** 20,550 kg

EU Stage 3a / US EPA Tier 3



## W 150 CFi

**Milling width:** 1,500 mm

**Milling depth:** 0 - 330 mm

**Engine power:** 298 kW / 400 HP / 405 PS

**Operating weight, CE\*:** 20,850 kg

EU Stage 5



## W 150 XFi

**Milling width:** 1,500 mm

**Milling depth:** 0 - 330 mm

**Engine power:** 298 kW / 400 HP / 405 PS

**Operating weight, CE\*:** 20,850 kg

US EPA Tier 4f

\* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment







# WIRTGEN

## LARGE MILLING MACHINES



Large milling machines have a milling drum positioned centrally beneath the machine and a two-part front-loading system. Trucks can be loaded quickly and flexibly via the slewing and height-adjustable discharge conveyor.

A variety of different milling drums and milling drum assemblies are available to cater to the wide array of milling tasks. They can be exchanged quickly and easily to suit the application.

The range of applications extends from wide-scale complete removal down to a depth of 35 cm in a single pass to the rehabilitation of concrete pavements and airport runways as well as fine milling to improve pavement skid resistance.

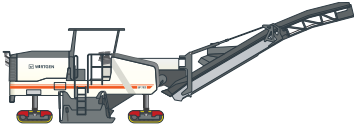






# LARGE MILLING MACHINES

Cost-effective pavement removal thanks to high milling performance



## W 195

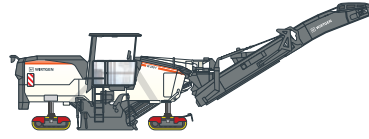
**Milling width:** 2,000 mm

**Milling depth:** 0 - 330 mm

**Engine power:** 410 kW / 550 HP / 557 PS

**Operating weight, CE\*:** 29,160 kg

EU Stage 3a / US EPA Tier 3, CN Stage 3



## W 200 F

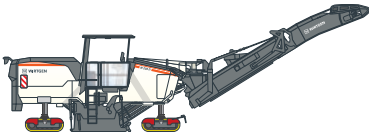
**Milling width:** 2,000 mm

**Milling depth:** 0 - 330 mm

**Engine power:** 410 kW / 550 HP / 557 PS

**Operating weight, CE\*:** 27,750 kg

EU Stage 3a / US EPA Tier 3



## W 200 Fi

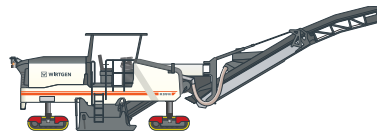
**Milling width:** 2,000 mm

**Milling depth:** 0 - 330 mm

**Engine power:** 455 kW / 610 HP / 619 PS

**Operating weight, CE\*:** 28,200 kg

EU Stage 5 / US EPA Tier 4f



## W 200 Hi

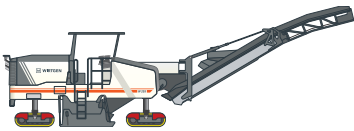
**Milling width:** 2,100 mm

**Milling depth:** 0 - 300 mm

**Engine power:** 455 kW / 610 HP / 619 PS

**Operating weight, CE\*:** 29,800 kg

EU Stage 4 / US EPA Tier 4f



## W 205

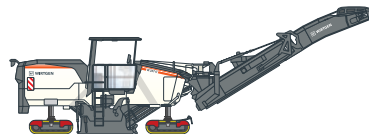
**Milling width:** 2,000 mm

**Milling depth:** 0 - 330 mm

**Engine power:** 455 kW / 610 HP / 619 PS

**Operating weight, CE\*:** 30,100 kg

EU Stage 3a / US EPA Tier 3, CN Stage 3



## W 207 Fi

**Milling width:** 2,000 mm

**Milling depth:** 0 - 330 mm

**Engine power:** 470 kW / 630 HP / 639 PS

**Operating weight, CE\*:** 28,700 kg

EU Stage 5 / US EPA Tier 4f

\* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment

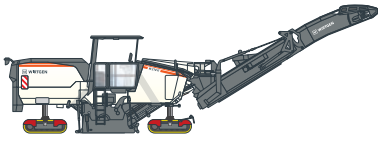






# LARGE MILLING MACHINES

Cost-effective pavement removal thanks to high milling performance



## W 210 Fi

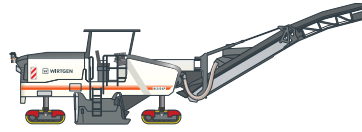
**Milling width:** 2,000 mm

**Milling depth:** 0 - 330 mm

**Engine power:** 563 kW / 755 HP / 766 PS

**Operating weight, CE\*:** 29,300 kg

EU Stage 5 / US EPA Tier 4f



## W 210 XP

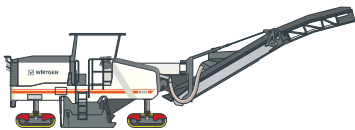
**Milling width:** 2,000 mm

**Milling depth:** 0 - 330 mm

**Engine power:** 571 kW / 766 HP / 777 PS

**Operating weight, CE\*:** 28,800 kg

No EU regulation / US EPA Tier 2



## W 215

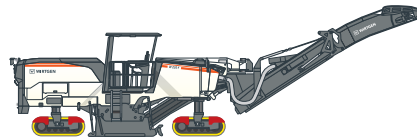
**Milling width:** 2,000 mm

**Milling depth:** 0 - 330 mm

**Engine power:** 470 kW / 630 HP / 639 PS

**Operating weight, CE\*:** 30,290 kg

EU Stage 3a / US EPA Tier 3, CN Stage 3



## W 220 F

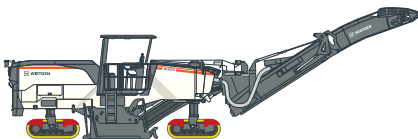
**Milling width:** 2,200 mm

**Milling depth:** 0 - 350 mm

**Engine power:** 571 kW / 766 HP / 777 PS

**Operating weight, CE\*:** 36,900 kg

No EU regulation / US EPA Tier 2



## W 220 Fi

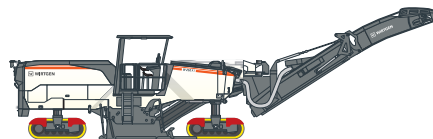
**Milling width:** 2,200 mm

**Milling depth:** 0 - 350 mm

**Engine power:** 597 kW / 801 HP / 812 PS

**Operating weight, CE\*:** 37,100 kg

EU Stage 5 / US EPA Tier 4f



## W 250 Fi

**Milling width:** 2,200 mm

**Milling depth:** 0 - 350 mm

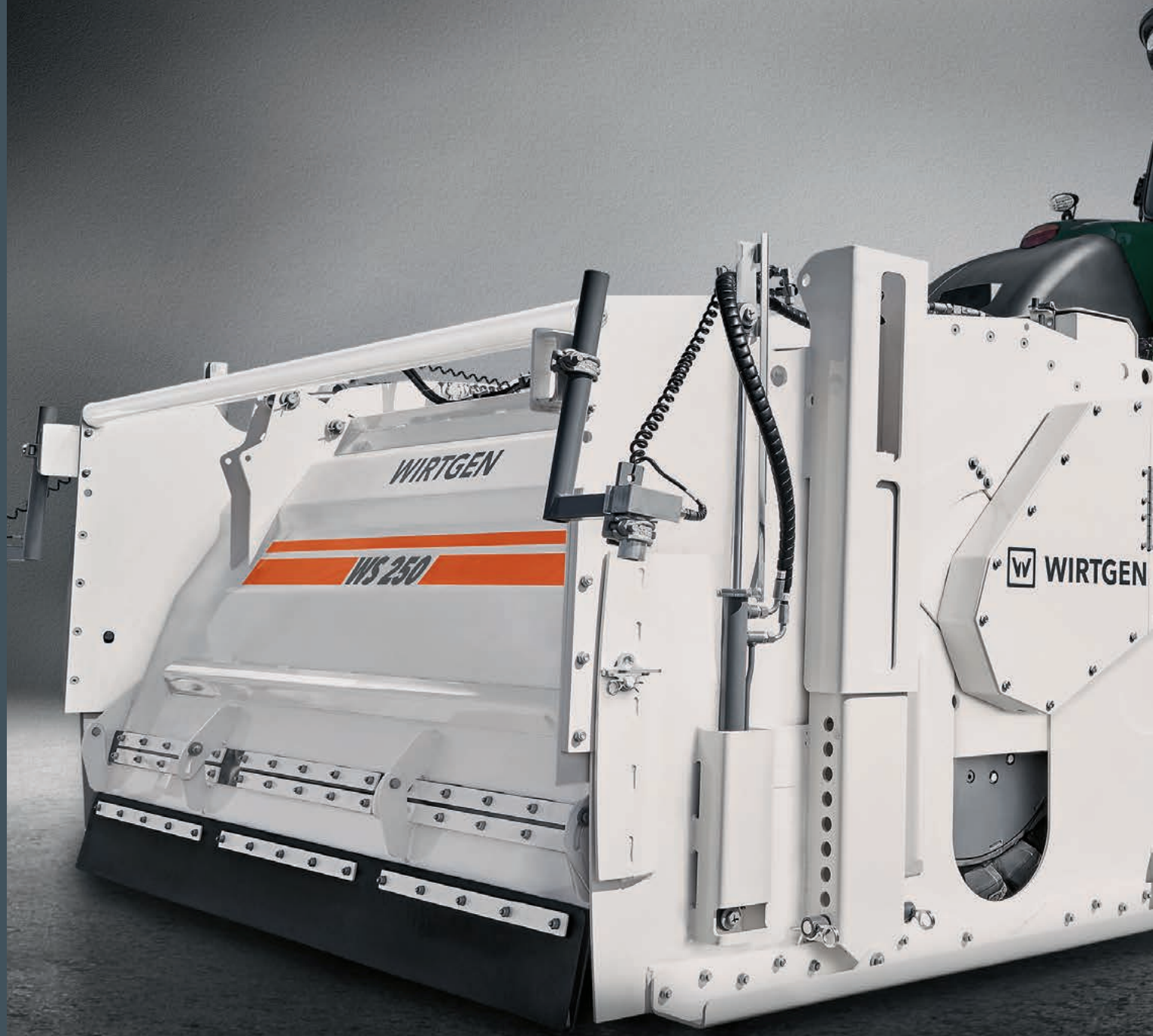
**Engine power:** 753 kW / 1,010 HP / 1,024 PS

**Operating weight, CE\*:** 42,300 kg

EU Stage 5 / US EPA Tier 4f

\* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment







# WIRTGEN

## TRACTOR-TOWED STABILIZERS



The tractor-towed stabilizer can be attached to a tractor in a few swift moves. The adjustable rotor plate ensures the homogeneous mixing quality of binding agent and soil.

Side plates which move on skids, the mechanical belt drive on each side and the effective milling and mixing rotor contribute to the high performance. In the soil improvement process, the tractor-towed stabilizer produces soils suitable for placing and compacting, while in the soil stabilization process, it creates load-bearing surfaces.









# TRACTOR-TOWED STABILIZERS

Soil stabilization on small and medium-sized sites



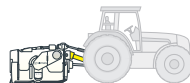
## **WS 220**

**Working width:** 2,150 mm

**Working depth:** 0 - 500 mm

**Own weight:** 4,495 - 4,745 kg

**Engine power of tractor:** > 180 kW / 245 PS



## **WS 250**

**Working width:** 2,500 mm

**Working depth:** 0 - 500 mm

**Own weight:** 4,800 - 5,050 kg

**Engine power of tractor:** > 220 kW / 300 PS









# WIRTGEN COLD RECYCLERS AND SOIL STABILIZERS

The recyclers have a variable mixing chamber and microprocessor-controlled injection systems for the addition of bitumen emulsion, water and foamed bitumen. In the soil stabilization process, the all-wheel drive, all-terrain machines mix binding agents into existing soils, producing load-bearing soils with ideal properties for further roadworks.

In the cold recycling process, the existing pavement is milled off and the milled material is then homogeneously mixed with the added binding agents. The new mix of materials then serves as a basis for base courses.







# COLD RECYCLERS AND SOIL STABILIZERS

Stabilization of soils and recycling of asphalt courses



## WR 200

**Working width:** 2,000 mm

**Working depth:** 0 - 500 mm

**Engine power:** 315 kW / 422 HP / 428 PS

**Operating weight, CE\*:** 24,200 kg

EU Stage 3a / US EPA Tier 3



## WR 200i

**Working width:** 2,000 mm

**Working depth:** 0 - 500 mm

**Engine power:** 320 kW / 429 HP / 435 PS

**Operating weight, CE\*:** 24,500 kg

EU Stage 5 / US EPA Tier 4f



## WR 200 XLi

**Working width:** 2,400 mm

**Working depth:** 0 - 500 mm

**Engine power:** 320 kW / 429 HP / 435 PS

**Operating weight, CE\*:** 25,900 kg

EU Stage 4 / US EPA Tier 4f



## WR 240

**Working width:** 2,400 mm

**Working depth:** 0 - 510 mm

**Engine power:** 455 kW / 610 HP / 619 PS

**Operating weight, CE\*:** 30,000 kg

EU Stage 3a / US EPA Tier 3



## WR 240i

**Working width:** 2,400 mm

**Working depth:** 0 - 510 mm

**Engine power:** 455 kW / 610 HP / 619 PS

**Operating weight, CE\*:** 30,600 kg

EU Stage 5 / US EPA Tier 4f



## WR 250

**Working width:** 2,400 mm

**Working depth:** 0 - 560 mm

**Engine power:** 571 kW / 766 HP / 777 PS

**Operating weight, CE\*:** 31,700 kg

No EU regulation / US EPA Tier 2



## WR 250i

**Working width:** 2,400 mm

**Working depth:** 0 - 560 mm

**Engine power:** 563 kW / 755 HP / 766 PS

**Operating weight, CE\*:** 32,000 kg

EU Stage 5 / US EPA Tier 4f

\* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment







# WIRTGEN

## COLD RECYCLERS



Cold recyclers in the CR series are used for the cost-effective recycling of pavements. Binding agents and water are added in precisely metered quantities by means of microprocessor-controlled injection systems.

Cold recyclers with a paving screed use the down-cut process and immediately repave the recycled construction material.

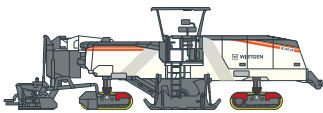
In large projects requiring high daily performances, the recycler transfers the recycled construction material via its integrated discharge conveyor to the material hopper of the downstream paver, which immediately repaves it, achieving a high degree of precompaction. The recyclers in the CR series additionally can be used as high-performance milling machines.





# COLD RECYCLERS

Recycling asphalt layers in a single pass



## W 240 CR

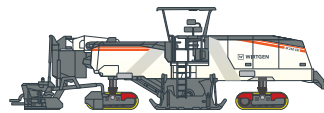
**Working width:** 2,350 mm

**Working depth\*:** 0 - 350 mm

**Engine power:** 708 kW / 950 HP / 963 PS

**Operating weight, CE\*\*:** 48,500 kg

No EU regulation / US EPA Tier 2



## W 240 CRi

**Working width:** 2,350 mm

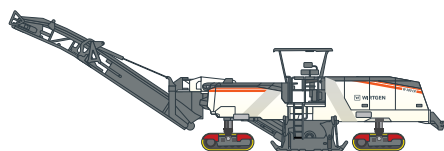
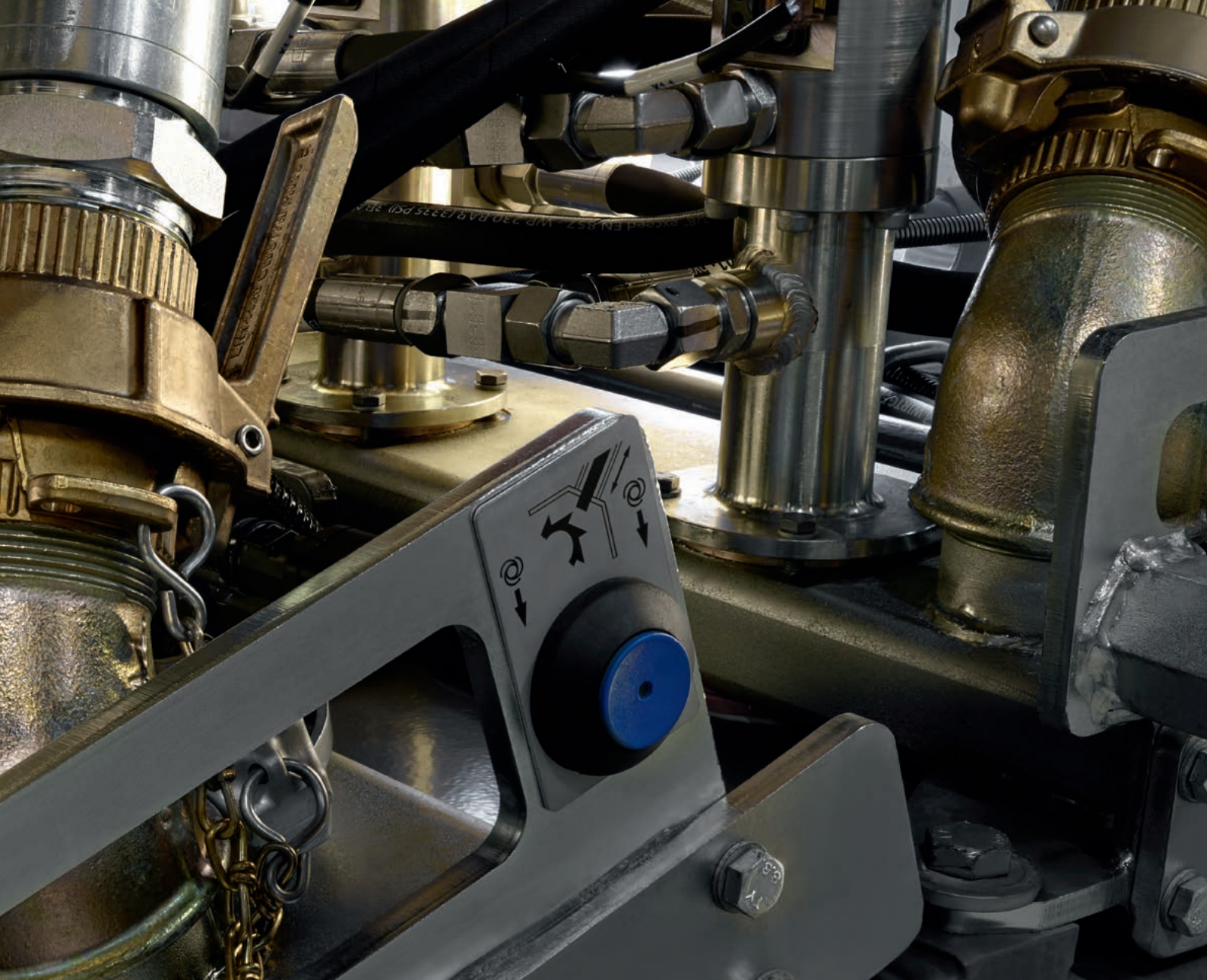
**Working depth\*:** 0 - 350 mm

**Engine power:** 775 kW / 1,038 HP / 1,054 PS

**Operating weight, CE\*\*:** 48,500 kg

EU Stage 5 / US EPA Tier 4f





#### **W 380 CR**

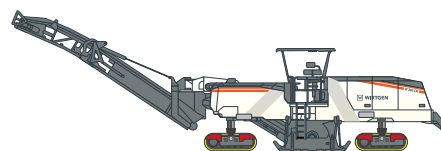
**Working width:** 3,800 mm

**Working depth\*:** 0 - 350 mm

**Engine power:** 708 kW / 950 HP / 963 PS

**Operating weight, CE\*\*:** 53,000 kg

No EU regulation / US EPA Tier 2



#### **W 380 CRi**

**Working width:** 3,800 mm

**Working depth\*:** 0 - 350 mm

**Engine power:** 775 kW / 1,038 HP / 1,054 PS

**Operating weight, CE\*\*:** 53,000 kg

EU Stage 5 / US EPA Tier 4f

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

\*\* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment







# WIRTGEN

## COLD RECYCLING MIXING PLANT



The mobile cold recycling mixing plant is simple to transport and quick to set up in the direct vicinity of the operation site. The robust twin-shaft compulsory mixer achieves high mixing performance levels. Microprocessor-controlled injection systems for the addition of a wide range of binding agents ensure that the materials are mixed precisely to formula.

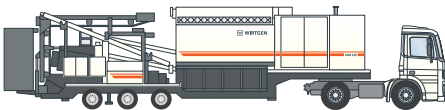
The slewing discharge conveyor with its wide range of motion enables the processed cold mix to be stockpiled or continually loaded onto transport vehicles.





# MOBILE COLD RECYCLING MIXING PLANT

Producing mix right at the job site



## KMA 220

**Mixing performance:** max. 220 t/h

**Mixer:** Twin-shaft continuous compulsory mixer

**Engine power:** 129.4 kW / 174 HP / 175 PS

**Operating weight, CE:** 29,800 kg

EU Stage 3a / US EPA Tier 3



## KMA 220i

**Mixing performance:** max. 220 t/h

**Mixer:** Twin-shaft continuous compulsory mixer

**Engine power:** 129 kW / 174 HP / 175 PS

**Operating weight, CE:** 29,950 kg

EU Stage 4 / US EPA Tier 4f



# ANCILLARY EQUIPMENT

Ancillary equipment with special functions



## LABORATORY FOAMED BITUMEN PLANT WLB 10 S

**Dimensions (L x W x H):** 1,450 x 685 x 1,345 mm

**Bitumen pump:** electrically heated gear pump

**Electrical system:** suitable for different mains power systems

**Bitumen temperature:** 140 - 200 °C

**Water content:** 0 - 5 % v. Bitumen

**Air pressure:** 0 - 10 bar

**Own weight:** 270 kg



## LABORATORY MIXER WLM 30

**Dimensions (L x W x H):** 1,085 x 770 x 960 mm

**Mixing capacity:** 30 kg

**Mixer type:** twin-shaft compulsory mixer

**Mixer speed:** 0 - 144 U/min

**Drive:** electric motor

**Electrical system:** suitable for different mains power systems

**Own weight:** 220 kg



## LABORATORY COMPACTOR WLV 1

**Dimensions (L x W x H):** 720 x 600 x 1,950 mm

**Impact energy:** max. 23 J

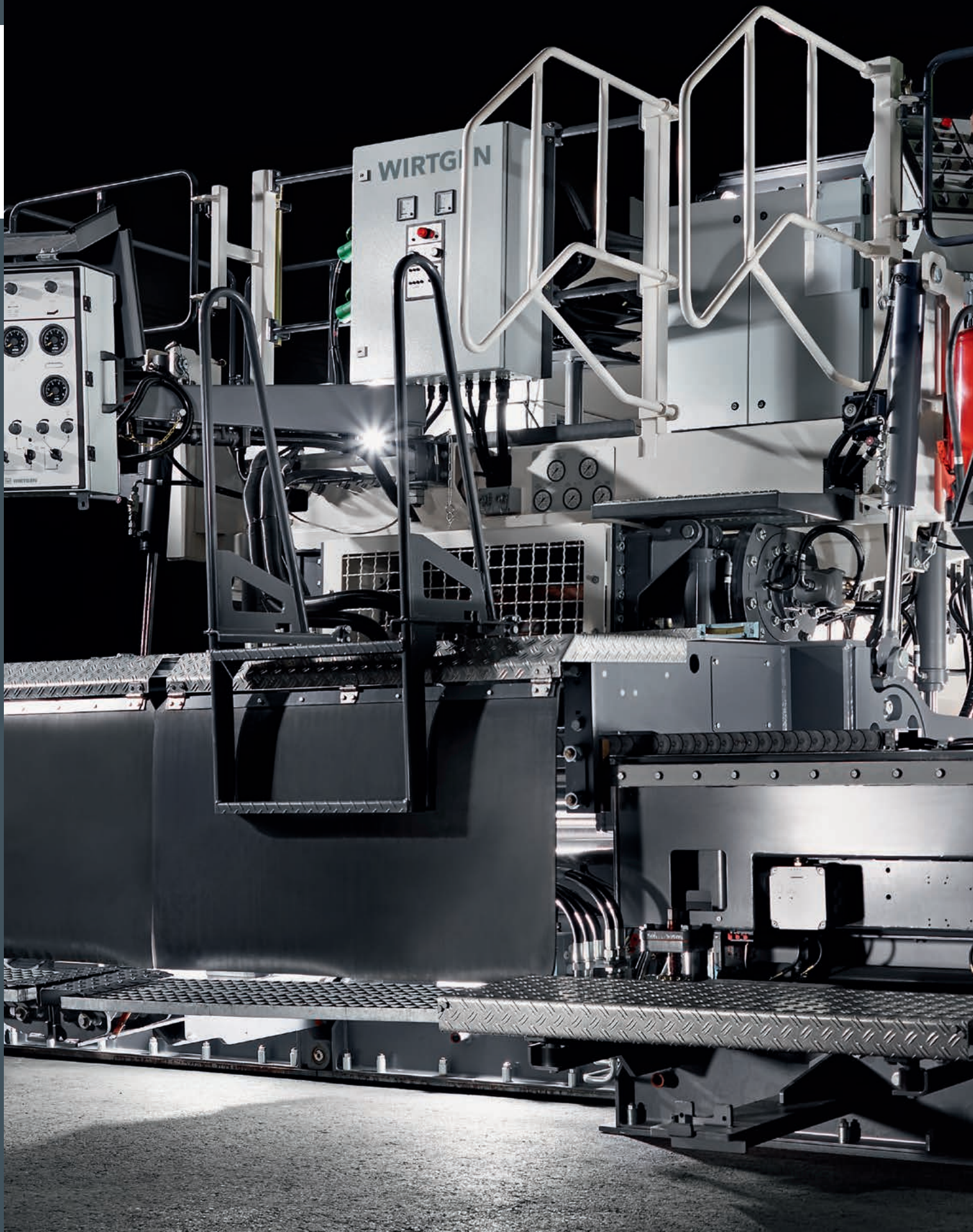
**Cylindrical mold, small (Ø x H):** 152 x 150 mm

**Cylindrical mold, large (Ø x H):** 152 x 320 mm

**Electrical system:** 1.8 kW (suitable for different mains power systems)

**Own weight:** 170 kg









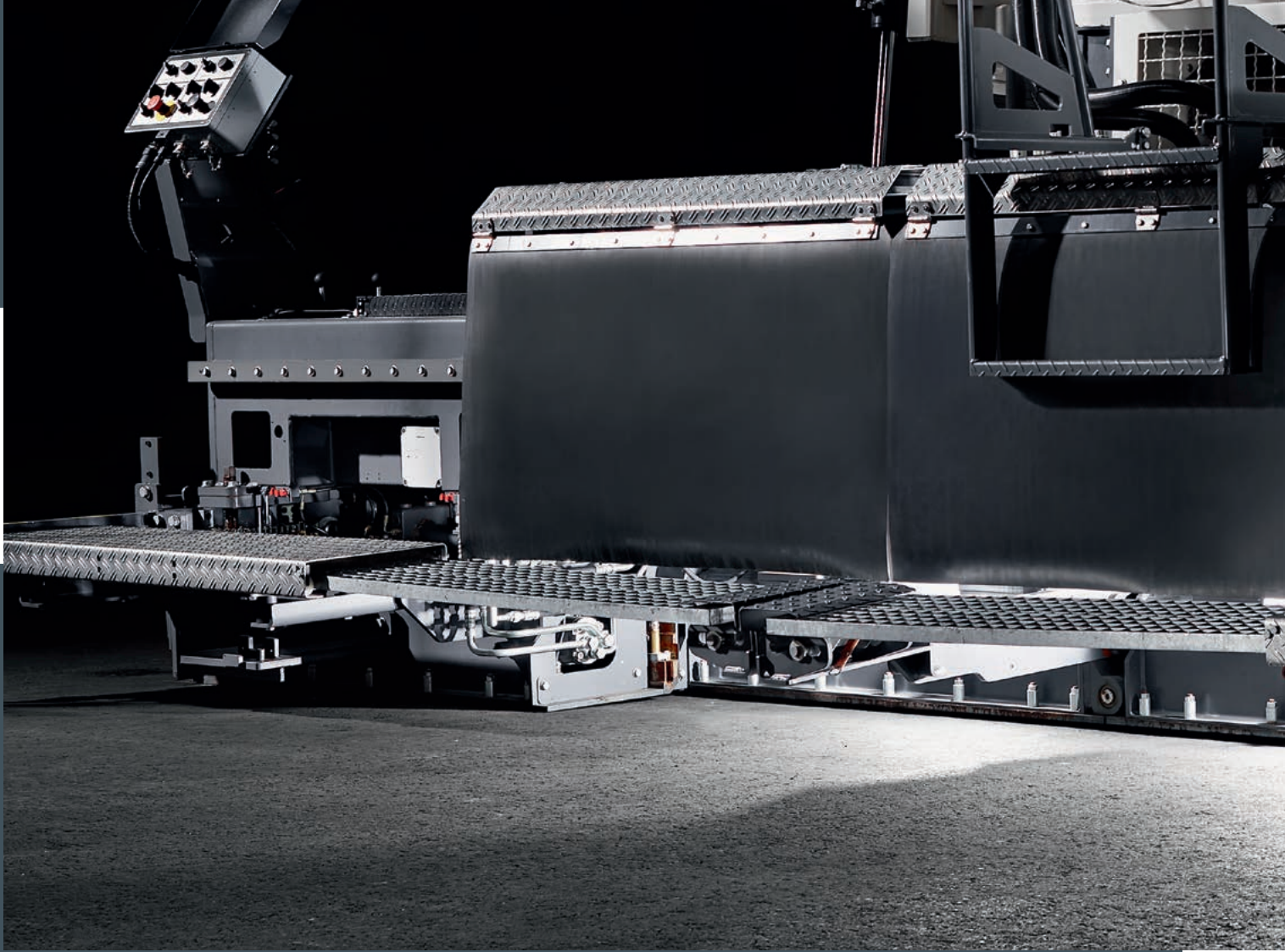
# WIRTGEN

## HOT RECYCLERS

The remixer and panel heating machine rehabilitate bitumen-bound surface courses up to a depth of 5 cm. The panel heating machine replastifies the asphalt pavement, enabling it to be processed. The downstream remixer scarifies the pavement and processes it in a twin-shaft compulsory mixer. Virgin mix and binding agent can be added to the process.

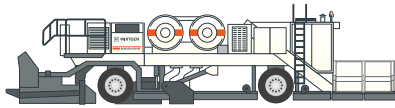
The integrated paving screed then repaves the recycled material true to cross-section, line and level, achieving a high degree of precompaction.





# REMIXER

Processing of bituminous surface courses with the hot recycling process



## REMIXER 4500

**Working width:** 3,000 - 4,500 mm

**Working depth:** 0 - 60 mm

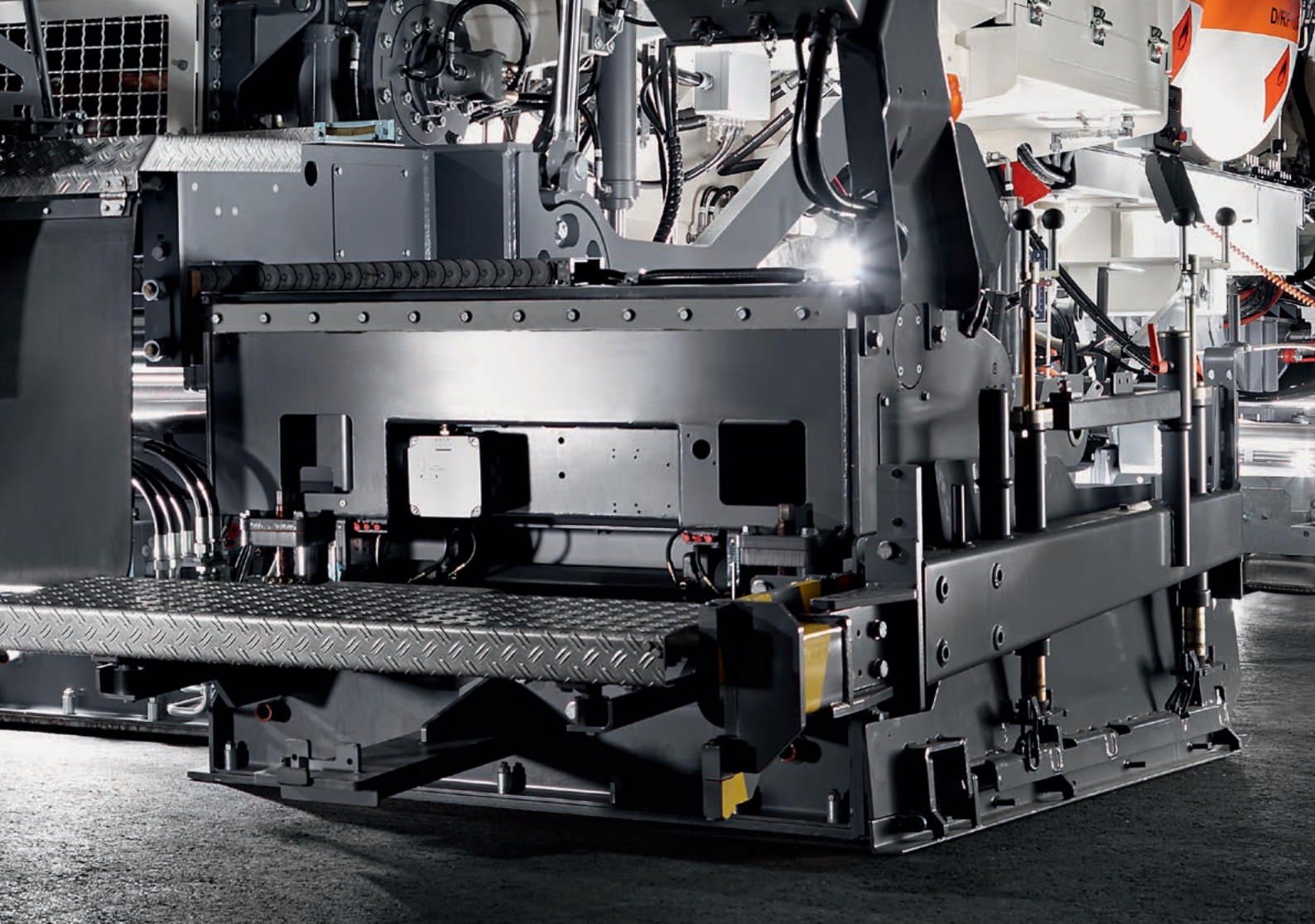
**Heating capacity:** max. 1,445 kW

**Engine power:** 240 kW / 322 HP / 326 PS

**Operating weight, CE\*:** 47,900 kg

EU Stage 3a / US EPA Tier 3





# PANEL HEATING MACHINE

Efficient heating of asphalt surfaces



**HM 4500**

**Working width:** max. 4,500 mm

**Heating performance:** max. 2,260 kW

**Gas tank capacity:** 6,000 l

**Engine power:** 75 kW / 100 HP / 102 PS

**Operating weight, CE\*:** 19,700 kg

**EU Stage 3a / US EPA Tier 3**

\* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment







A large, white and grey Wirtgen offset slipform paver machine is shown from a side-rear perspective, paving a dark, textured road surface at night. The machine's head is on the left, and the newly laid concrete extends into the distance. The background is dark, suggesting a nighttime construction site.

# WIRTGEN

## OFFSET SLIPFORM PAVERS

With offset slipform pavers, the concrete is transported into the offset mold via a loading conveyor or a conveyor auger. The offset mold can be mounted on the left or right-hand side of the machine. A number of molds in a wide range of different shapes and sizes are available for individual applications. The offset profiles are continually produced monolithically, with or without reinforcements.

Machine features include a top-quality machine control system, a practical steering and drive system and stringline-free concrete paving.







# OFFSET SLIPFORM PAVERS

Multitalents in monolithic profile paving



## SP 15

**Paving width\*\*:** max. 1,800 mm\*\*\*

**Paving height\*\*:** max. 1,300 mm

**Engine power:** 92 kW / 123 HP / 125 PS

**Operating weight, CE\*:** 10,350 kg

EU Stage 3a / US EPA Tier 3



## SP 15i

**Paving width\*\*:** max. 1,800 mm\*\*\*

**Paving height\*\*:** max. 1,300 mm

**Engine power:** 95 kW / 127 HP / 129 PS

**Operating weight, CE\*:** 10,350 kg

EU Stage 5 / US EPA Tier 4f



## SP 25

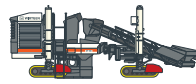
**Paving width offset\*\*:** max. 2,500 mm

**Paving height offset\*\*:** max. 2,000 mm

**Engine power:** 118 kW / 158 HP / 160 PS

**Operating weight, CE\*:** 13,600 - 16,100 kg

EU Stage 3a / US EPA Tier 3



## SP 25i

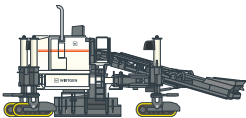
**Paving width offset\*\*:** max. 2,500 mm

**Paving height offset\*\*:** max. 2,000 mm

**Engine power:** 115 kW / 154 HP / 156 PS

**Operating weight, CE\*:** 13,600 - 16,100 kg

EU Stage 5 / US EPA Tier 4f



## SP 61

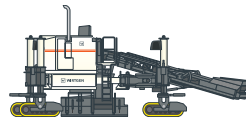
**Paving width\*\*:** max. 4,000 mm

**Paving height\*\*:** max. 3,000 mm

**Engine power:** 155 kW / 208 HP / 211 PS

**Machine weight\*:** 15,500 - 45,000 kg

EU Stage 3a / US EPA Tier 3



## SP 61i

**Paving width\*\*:** max. 4,000 mm

**Paving height\*\*:** max. 3,000 mm

**Engine power:** 180 kW / 241 HP / 245 PS

**Machine weight\*:** 15,500 - 45,000 kg

EU Stage 5 / US EPA Tier 4f

\* Weights depend on the paver's range of equipment and paving width

\*\* Please consult factory for different offset geometries or special applications

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









# WIRTGEN

## INSET SLIPFORM PAVERS

With inset slipform pavers, the concrete is placed directly in front of the machine and distributed by a spreading auger or spreading plough.

Vibrators compact the concrete homogeneously and the mold forms it in the specified width and thickness as the slipform paver advances. Integrated dowel bar and tie bar inserters position dowel bars and tie bars as specified.

The finishing beam levels the area transverse to the pavement and the super smoother creates a perfect surface. When paving dual-layer concrete, the bottom-layer and top-layer concrete are processed simultaneously and paved wet-in-wet.

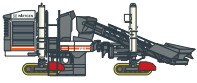






# INSET SLIPFORM PAVERS

Single- and dual-layer paving of large concrete slabs



## SP 25

**Paving width inset:** max. 3,500 mm

**Paving thickness inset\*\*:** max. 400 mm

**Engine power:** 118 kW / 158 HP / 160 PS

**Operating weight, CE\*:** 13,600 – 16,100 kg

EU Stage 3a / US EPA Tier 3



## SP 25i

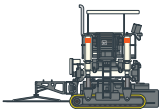
**Paving width inset:** max. 3,500 mm

**Paving thickness inset\*\*:** max. 400 mm

**Engine power:** 115 kW / 154 HP / 156 PS

**Operating weight, CE\*:** 13,600 – 16,100 kg

EU Stage 5 / US EPA Tier 4f



## SP 62

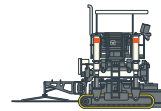
**Paving width\*\*:** 3,500 – 7,500 mm

**Paving thickness\*\*:** max. 450 mm

**Engine power:** 155 kW / 208 HP / 211 PS

**Machine weight\*:** 24,000 – 34,000 kg

EU Stage 3a / US EPA Tier 3



## SP 62i \*\*\*

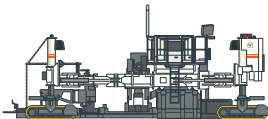
**Paving width\*\*:** 3,500 – 7,500 mm

**Paving thickness\*\*:** max. 450 mm

**Engine power:** 180 kW / 241 HP / 245 PS

**Machine weight\*:** 24,000 – 34,000 kg

EU Stage 5 / US EPA Tier 4f



## SP 64

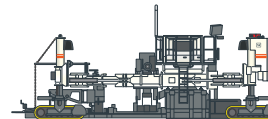
**Paving width\*\*:** 2,000 – 6,000 mm  
(without DBI up to 7,500 mm)

**Paving thickness\*\*:** max. 450 mm

**Engine power:** 155 kW / 208 HP / 211 PS

**Machine weight\*:** 17,000 – 45,000 kg

EU Stage 3a / US EPA Tier 3



## SP 64i \*\*\*

**Paving width\*\*:** 2,000 – 6,000 mm  
(without DBI up to 7,500 mm)

**Paving thickness\*\*:** max. 450 mm

**Engine power:** 180 kW / 241 HP / 245 PS

**Machine weight\*:** 17,000 – 45,000 kg

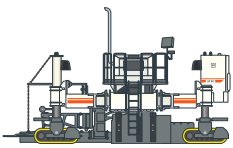
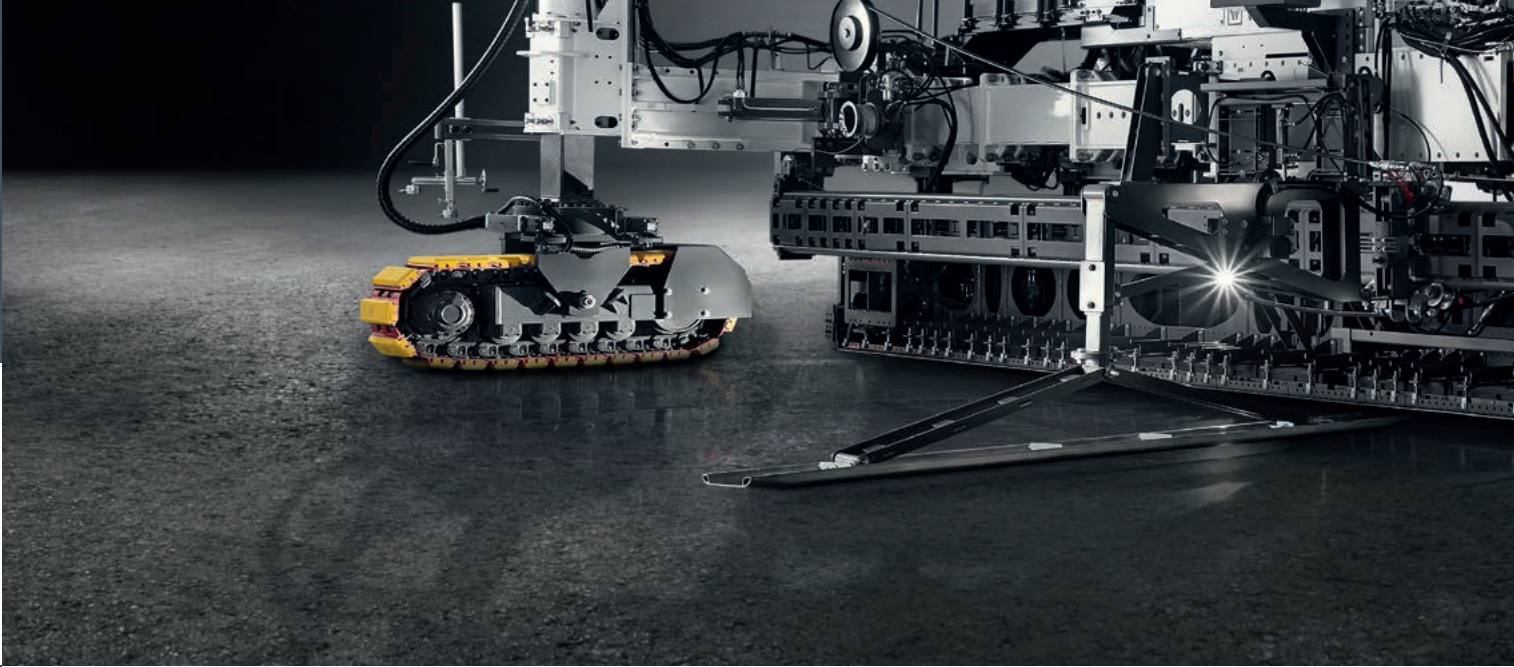
EU Stage 5 / US EPA Tier 4f

\* Weights depend on the paver's range of equipment and paving width

\*\* Please consult factory for different offset geometries or special applications

\*\*\* Machine with different specifications also available for the North American market





#### SP 94

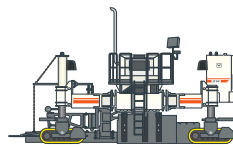
**Paving width\*\*:** 3,500 - 9,500 mm

**Paving thickness\*\*:** max. 450 mm

**Engine power:** 224 kW / 300 HP / 305 PS

**Machine weight\*:** 24,000 - 65,000 kg

EU Stage 3a / US EPA Tier 3



#### SP 94i \*\*\*

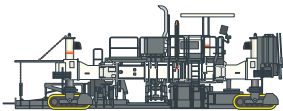
**Paving width\*\*:** 3,500 - 9,500 mm

**Paving thickness\*\*:** max. 450 mm

**Engine power:** 231 kW / 310 HP / 314 PS

**Machine weight\*:** 24,000 - 65,000 kg

EU Stage 4 / US EPA Tier 4f



#### SP 124

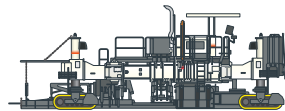
**Paving width\*\*:** 4,500 - 12,000 mm

**Paving thickness\*\*:** max. 450 mm

**Engine power:** 272 kW / 365 HP / 370 PS

**Machine weight\*:** 56,000 - 102,000 kg

EU Stage 3a / US EPA Tier 3



#### SP 124i \*\*\*

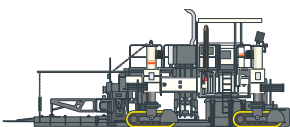
**Paving width\*\*:** 4,500 - 12,000 mm

**Paving thickness\*\*:** max. 450 mm

**Engine power:** 321 kW / 430 HP / 436 PS

**Machine weight\*:** 56,000 - 102,000 kg

EU Stage 5 / US EPA Tier 4f



#### SP 124 L

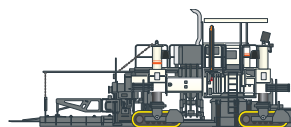
**Paving width\*\*:** 4,500 - 12,000 mm

**Paving thickness\*\*:** max. 450 mm

**Engine power:** 272 kW / 365 HP / 370 PS

**Machine weight\*:** 50,000 - 96,000 kg

EU Stage 3a / US EPA Tier 3



#### SP 124 Li \*\*\*

**Paving width\*\*:** 4,500 - 12,000 mm

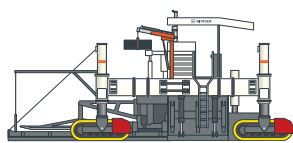
**Paving thickness\*\*:** max. 450 mm

**Engine power:** 321 kW / 430 HP / 436 PS

**Machine weight\*:** 50,000 - 96,000 kg

EU Stage 5 / US EPA Tier 4f





#### SP 154i

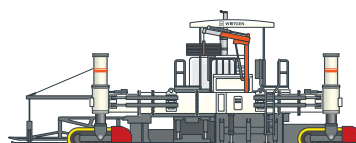
**Paving width\*\*:** 5,000 - 16,000 mm

**Paving thickness\*\*:** max. 450 mm

**Engine power:** 321 kW / 430 HP / 436 PS

**Operating weight, CE\*:** 58,820 - 73,580

EU Stage 5 / US EPA Tier 4f



#### SP 1600

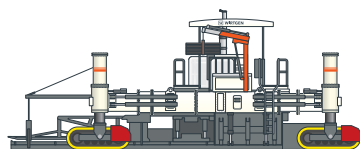
**Paving width\*\*:** 5,000 - 16,000 mm

**Paving thickness\*\*:** max. 450 mm

**Engine power:** 313 kW / 420 HP / 426 PS

**Operating weight, CE\*:** 89,000 - 140,000 kg

EU Stage 3a / US EPA Tier 3



#### SP 164i

**Paving width\*\*:** 5,000 - 16,000 mm

**Paving thickness\*\*:** max. 450 mm

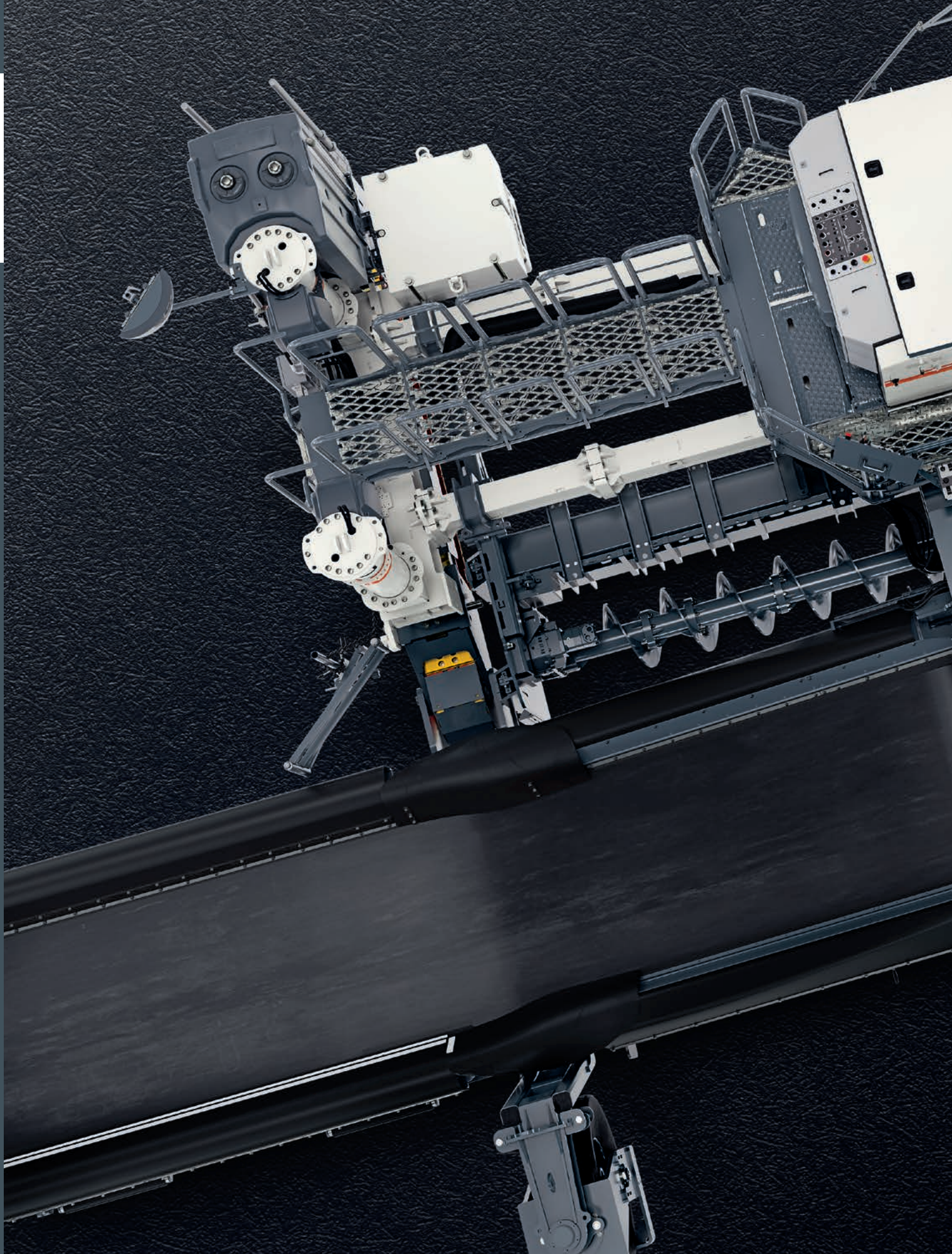
**Engine power:** 321 kW / 430 HP / 436 PS

**Operating weight, CE\*:** 89,000 - 140,000 kg

EU Stage 5 / US EPA Tier 4f

- \* Weights depend on the paver's range of equipment and paving width
- \*\* Please consult factory for different offset geometries or special applications
- \*\*\* Machine with different specifications also available for the North American market









# SIDE FEEDER AND TEXTURE CURING MACHINES

## SIDE FEEDER

If a reinforcement is to be laid in advance of a concrete pavement, concrete can be fed from the side.

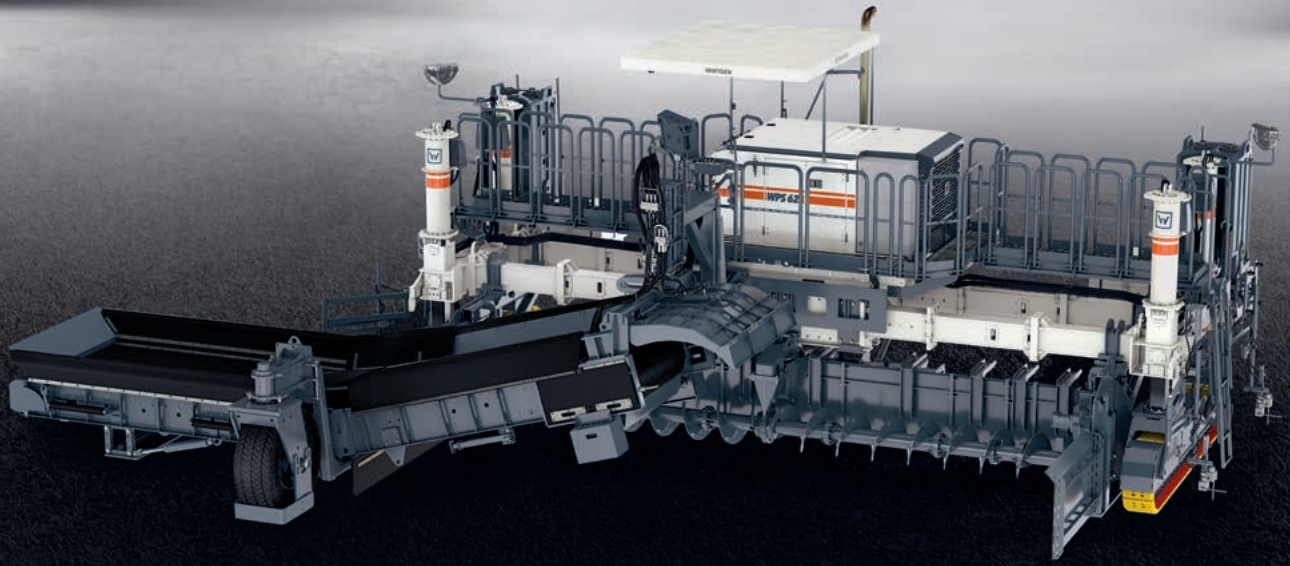
The side feeder travels over the top of the pre-placed reinforcement in front of the slipform paver, while being fed with concrete from the side. It lays the concrete evenly in front of the slipform paver and spreads it across the full working width.

## TEXTURE CURING MACHINES

Texture curing machines give the concrete pavement the desired surface texture, applying a dispersion which prevents the surface and edges from drying too quickly.

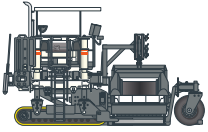
The specified surface texture is achieved with a brush. Alternatively, a burlap or synthetic turf can be drawn across the concrete pavement in a longitudinal direction. Automatic crown adjustment and a film unwinder round off the features of the machine.





# SIDE FEEDER

Fast side feeding of concrete



## WPS 62

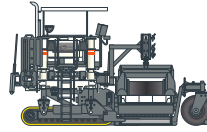
**Working width:** max. 4,500 - 7,500 mm

**Working height:** max. 500 mm

**Engine power:** 155 kW / 208 HP / 211 PS

**Operating weight, CE\*:** 34,000 - 40,000 kg

EU Stage 3a / US EPA Tier 3



## WPS 62i

**Working width:** max. 4,500 - 7,500 mm

**Working height:** max. 500 mm

**Engine power:** 180 kW / 241 HP / 245 PS

**Operating weight, CE\*:** 34,000 - 40,000 kg

EU Stage 4 / US EPA Tier 4f





# TEXTURE CURING MACHINES

Optimum texture and protection for concrete pavements



## TCM 95

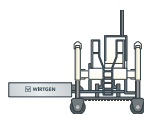
**Working width:** max. 9,500 mm

**Working height:** max. 500 mm

**Engine power:** 41 kW / 55 HP / 56 PS

**Operating weight, CE\*:** 7,800 - 11,600 kg

EU Stage 3a / US EPA Tier 3



## TCM 95i

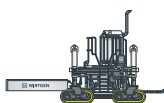
**Working width:** max. 9,500 mm

**Working height:** max. 500 mm

**Engine power:** 55.4 kW / 74 HP / 75.3 PS

**Operating weight, CE\*:** 7,800 - 11,600 kg

EU Stage 4 / US EPA Tier 4f



## TCM 180

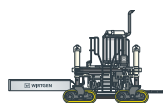
**Working width:** max. 18,000 mm

**Working height:** max. 500 mm

**Engine power:** 41 kW / 55 HP / 56 PS

**Operating weight, CE\*:** 9,100 - 18,400 kg

EU Stage 3a / US EPA Tier 3



## TCM 180i

**Working width:** max. 18,000 mm

**Working height:** max. 500 mm

**Engine power:** 55.4 kW / 74 HP / 75.3 PS

**Operating weight, CE\*:** 9,100 - 18,400 kg

EU Stage 4 / US EPA Tier 4f

\* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment









# WIRTGEN

## SURFACE MINERS

Surface Miners can mine raw materials such as coal, gypsum, salt, phosphate, bauxite or lime in open-cast mines. They mine commodities selectively, ensuring a high quality and optimum exploitation of the deposit.

Surface Miners are also used to cut routes or lower tunnel floors. Centrally positioned underneath the machine, the cutting drum has a customized design to match all customer requirements. The extracted material can be deposited behind the machine in windrows, sidecast via an integrated discharge conveyor or loaded directly onto transport vehicles.

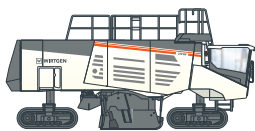






# SURFACE MINERS

Mining raw materials and cutting routes without drilling and blasting



## 220 SM

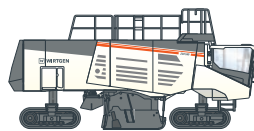
**Cutting width:** 2,200 mm

**Cutting depth:** 0 - 300 mm

**Engine power:** 708 kW / 950 HP / 963 PS

**Operating weight, CE\*:** 53,150 kg

No EU regulation / US EPA Tier 2



## 220 SMi

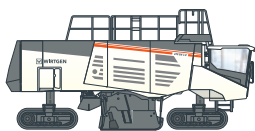
**Cutting width:** 2,200 mm

**Cutting depth:** 0 - 300 mm

**Engine power:** 708 kW / 950 HP / 963 PS

**Operating weight, CE\*:** 54,000 kg

EU Stage 5 / US EPA Tier 4f



## 220 SM 3.8

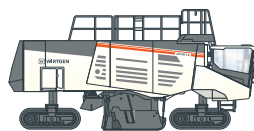
**Cutting width:** 3,800 mm

**Cutting depth:** 0 - 350 mm

**Engine power:** 708 kW / 950 HP / 963 PS

**Operating weight, CE\*:** 58,050 kg

No EU regulation / US EPA Tier 2



## 220 SMi 3.8

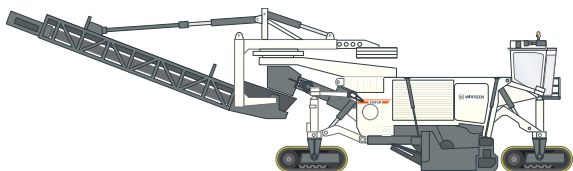
**Cutting width:** 3,800 mm

**Cutting depth:** 0 - 350 mm

**Engine power:** 708 kW / 950 HP / 963 PS

**Operating weight, CE\*:** 59,000 kg

EU Stage 5 / US EPA Tier 4f



## 2500 SM

**Cutting width:** 2,500 mm

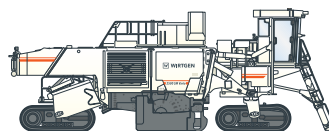
**Cutting depth:** 0 - 650 mm

**Engine power:** 783 kW / 1,050 HP / 1,065 PS

**Operating weight, CE\*:** 111,600 kg

US EPA Tier 2 (USA/Canada)

US EPA Tier 1 (outside USA/Canada)



## 2500 SM Vario

**Cutting width:** 2,500 mm

**Cutting depth:** 0 - 450 mm

**Engine power:** 783 kW / 1,050 HP / 1,065 PS

**Operating weight, CE\*:** 130,000 kg

US EPA Tier 1

\* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment

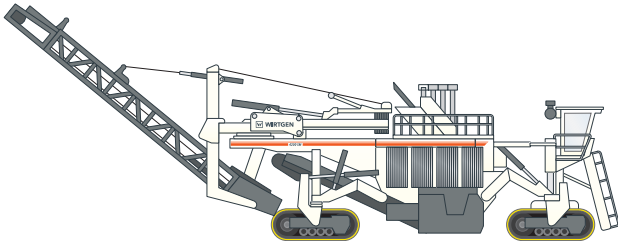






# SURFACE MINERS

Mining raw materials and cutting routes without drilling and blasting



## 4200 SM

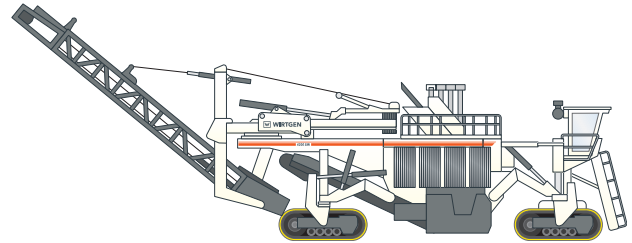
**Cutting width:** 4,200 mm

**Cutting depth:** 0 - 830 mm

**Engine power:** 1,194 kW / 1,600 HP / 1,623 PS

**Operating weight, CE\*:** 204,300 kg

No EU regulation / US EPA Tier 2



## 4200 SMi

**Cutting width:** 4,200 mm

**Cutting depth:** 0 - 830 mm

**Engine power:** 1,194 kW / 1,600 HP / 1,623 PS

**Operating weight, CE\*:** 204,300 kg

EU Stage 5 / US EPA Tier 4f

\* Machine weight, half the weight of all operating agents, tools, machine operator, excluding optional equipment









220 SM 3.8

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