

WIRTGEN

PRODUCT RANGE



WHERE INNOVATION HAPPENS

Cutting edge technology from Windhagen

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 470.000 m², 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.



WIRTGEN PRODUCTION PLANT WINDHAGEN

DESIGNED AND CONSTRUCTED FOR ULTIMATE PERFORMANCE

Machines for road and mineral technologies



WIRTGEN PRODUCT RANGE

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- 28 RECYCLERS AND SOIL STABILIZERS
- 46 SLIPFORM PAVERS
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COLD MILLING MACHINES

The ideal solution for every application





WIRTGEN offers by far the most comprehensive portfolio of cold milling machines worldwide. The standard range already covers the entire milling width range from 14 mm to 4.4 m. The choice of machines ranges from the particularly compact

W 35 R1 cold milling machine - which is also suitable for applications inside buildings - all the way up to the W 250 Fi, which handles large-scale projects on highways or airports in record time.

SMALL MILLING MACHINES

High versatility when milling small areas



● OVERVIEW OF SMALL MILLING MACHINES

- **W 35 Ri**
- **W 35 XRi**
- **W 50 R(i)**
- **W 60 R(i)**
- **W 50 HR(i)**
- **W 55 HR(i)**
- **W 100 R(i)**
- **W 120 R(i)**
- **W 100 HR(i)**
- **W 130 HR(i)**

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

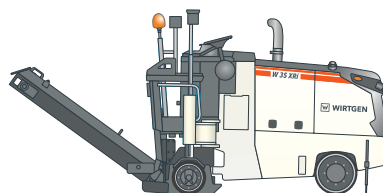
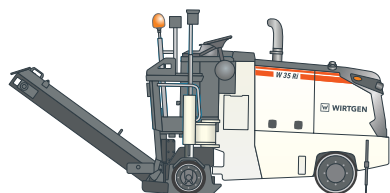
can be swiveled in when milling flush to the edges of obstacles.

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.

up to 1,300 mm
Milling width

up to 300 mm
Milling depth

up to 162 kW / 217HP / 220 PS
Engine power

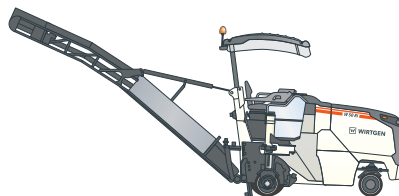
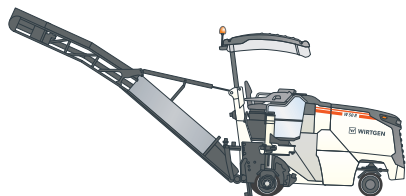


W 35 Ri

Milling width	350 mm
Milling depth	0 - 110 mm
Engine power	45 kW / 60 HP / 61 PS
Operating weight, CE*	4,650 kg
Exhaust emission standard	EU Stage 5

W 35 XRi (USA only)

Milling width	350 mm
Milling depth	0 - 110 mm
Engine power	45 kW / 60 HP / 61 PS
Operating weight, CE*	4,650 kg
Exhaust emission standard	US EPA Tier 4f



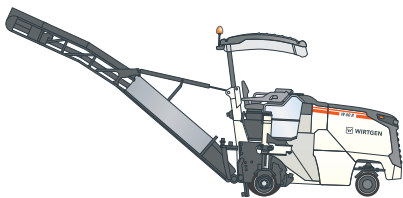
W 50 R

Milling width	500 mm
Milling depth	0 - 210 mm
Engine power	100 kW / 134 HP / 136 PS
Operating weight, CE*	6,950 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3

W 50 Ri

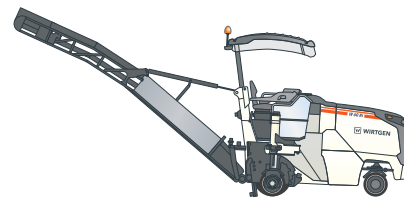
Milling width	500 mm
Milling depth	0 - 210 mm
Engine power	105 kW / 141 HP / 143 PS
Operating weight, CE*	6,950 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f

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



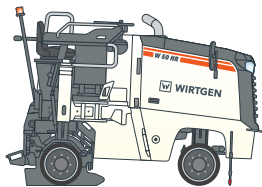
W 60 R

Milling width	600 mm
Milling depth	0 - 210 mm
Engine power	100 kW / 134 HP / 136 PS
Operating weight, CE*	7,450 kg
Exhaust emission standard	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
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



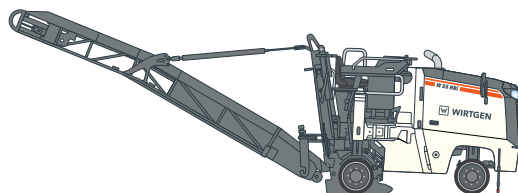
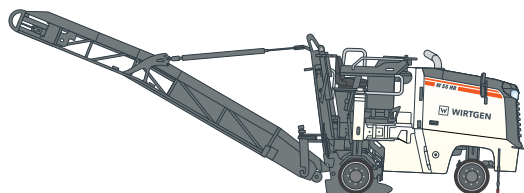
W 50 HR

Milling width	500 mm
Milling depth	0 - 180 mm
Engine power	86 kW / 115 HP / 117 PS
Operating weight, CE*	5,750 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3, CN Stage 3



W 50 HRi

Milling width	500 mm
Milling depth	0 - 180 mm
Engine power	89 kW / 119HP / 121 PS
Operating weight, CE*	5,850 kg
Exhaust emission standard	CN NR Stage 4

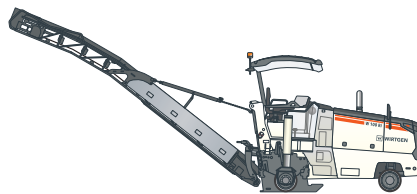
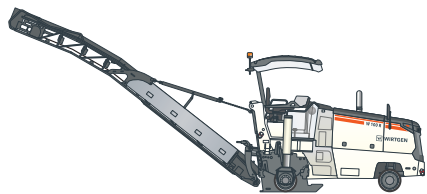


W 55 HR

Milling width	500 mm
Milling depth	0 - 180 mm
Engine power	86 kW / 115 HP / 117 PS
Operating weight, CE*	6,800 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3, CN Stage 3

W 55 HR i

Milling width	500 mm
Milling depth	0 - 180 mm
Engine power	89 kW / 119HP / 121 PS
Operating weight, CE*	6,900 kg
Exhaust emission standard	CN NR Stage 4



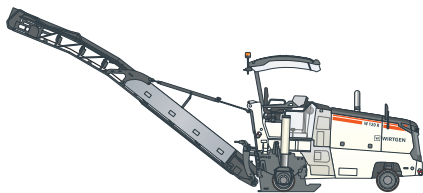
W 100 R

Milling width	1,000 mm
Milling depth	0 - 300 mm
Engine power	155 kW / 208 HP / 211 PS
Operating weight, CE*	14,650 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3

W 100 Ri

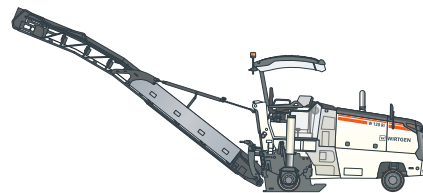
Milling width	1,000 mm
Milling depth	0 - 300 mm
Engine power	160 kW / 215 HP / 218 PS
Operating weight, CE*	14,750 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f

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



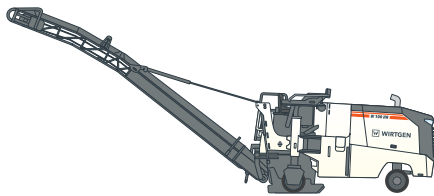
W 120 R

Milling width	1,200 mm
Milling depth	0 - 300 mm
Engine power	155 kW / 208 HP / 211 PS
Operating weight, CE*	15,300 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3



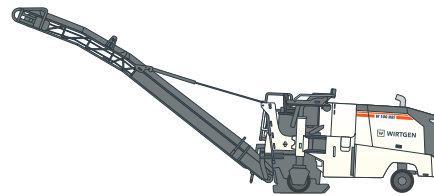
W 120 Ri

Milling width	1,200 mm
Milling depth	0 - 300 mm
Engine power	160 kW / 215 HP / 218 PS
Operating weight, CE*	15,400 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



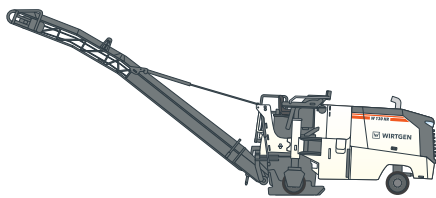
W 100 HR

Milling width	1,000 mm
Milling depth	0 - 200 mm
Engine power	155 kW / 208 HP / 211 PS
Operating weight, CE*	13,600 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3, CN Stage 3



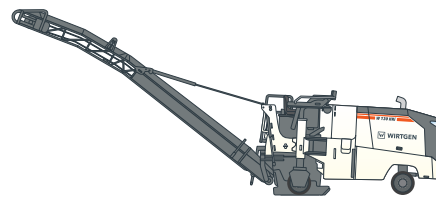
W 100 HRi

Milling width	1,000 mm
Milling depth	0 - 200 mm
Engine power	162 kW / 217HP / 220 PS
Operating weight, CE*	13,900 kg
Exhaust emission standard	CN NR Stage 4



W 130 HR

Milling width	1,300 mm
Milling depth	0 - 200 mm
Engine power	155 kW / 208 HP / 211 PS
Operating weight, CE*	14,100 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3, CN Stage 3



W 130 HRi

Milling width	1,300 mm
Milling depth	0 - 200 mm
Engine power	162 kW / 217HP / 220 PS
Operating weight, CE*	14,400 kg
Exhaust emission standard	CN NR Stage 4

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



Baustellenfahrzeug

WIRTGEN

PRODUCT RANGE | COMPACT MILLING MACHINES

COMPACT MILLING MACHINES

Maneuverable and flexible on the job site



● OVERVIEW OF COMPACT MILLING MACHINES

- **W 100 F(i)**
- **W 120 F(i)**
- **W 120 FTi**
- **W 130 F(i)**
- **W 125 CF(i)**
- **W 155 CF(i)**
- **W 185 CF(i)**
- **W 150 CF(i)**
- **W 150 XFi**

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.

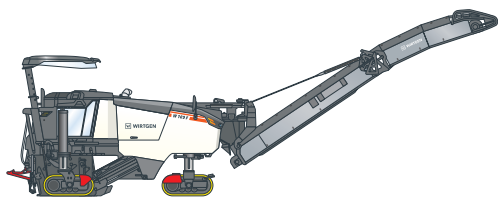
These powerful machines can mill off entire asphalt pavements cost-effectively. A wide range of different milling drums is available, greatly extending the possible range of applications so that the milling of individual layers and fine milling operations are also among the everyday tasks of these machines.

up to 1,900 mm
Milling width

up to 330 mm
Milling depth

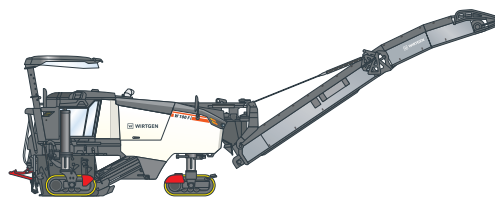
up to 298 kW / 400HP / 405 PS
Engine power





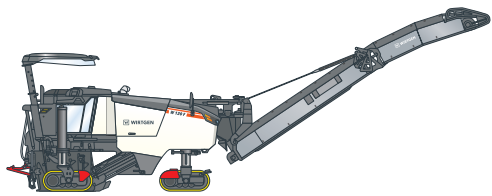
W 100 F

Milling width	1,000 mm
Milling depth	0 - 330 mm
Engine power	261 kW / 350 HP / 355 PS
Operating weight, CE*	19,700 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3



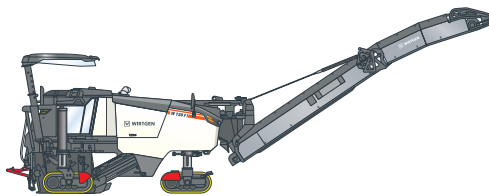
W 100 Fi

Milling width	1,000 mm
Milling depth	0 - 330 mm
Engine power	265 kW / 355 HP / 360 PS
Operating weight, CE*	20,000 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



W 120 F

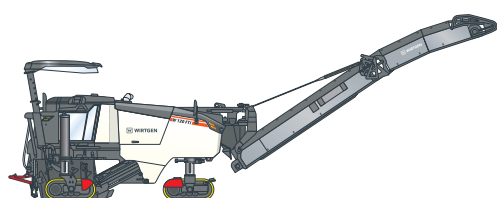
Milling width	1,200 mm
Milling depth	0 - 330 mm
Engine power	261 kW / 350 HP / 355 PS
Operating weight, CE*	20,700 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3



W 120 Fi

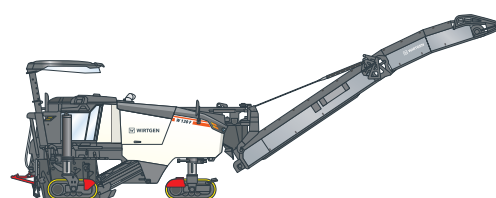
Milling width	1,200 mm
Milling depth	0 - 330 mm
Engine power	265 kW / 355 HP / 360 PS
Operating weight, CE*	21,000 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f

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



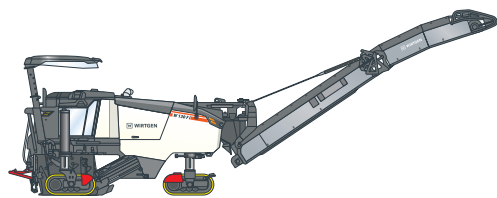
W 120 FTi (USA only)

Milling width	1,200 mm
Milling depth	0 - 330 mm
Engine power	265 kW / 355 HP / 360 PS
Operating weight, CE*	21,000 kg
Exhaust emission standard	US EPA Tier 4f



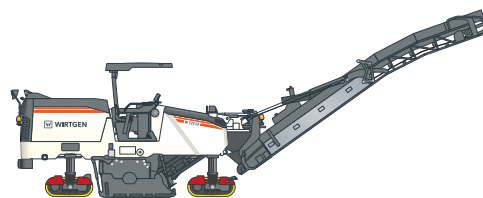
W 130 F

Milling width	1,300 mm
Milling depth	0 - 300 mm
Engine power	261 kW / 350 HP / 355 PS
Operating weight, CE*	21,100 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3



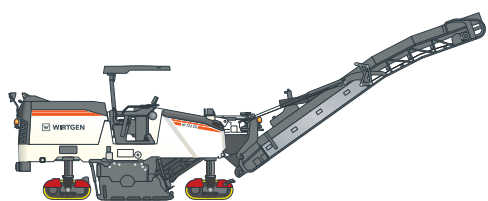
W 130 Fi

Milling width	1,300 mm
Milling depth	0 - 330 mm
Engine power	265 kW / 355 HP / 360 PS
Operating weight, CE*	21,400 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



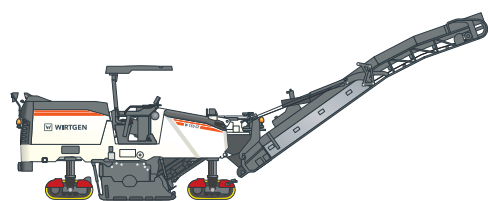
W 125 CF

Milling width	1,200 mm
Milling depth	0 - 330 mm
Engine power	276 kW / 370 HP / 375 PS
Operating weight, CE*	21,150 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3 / CN Stage 3



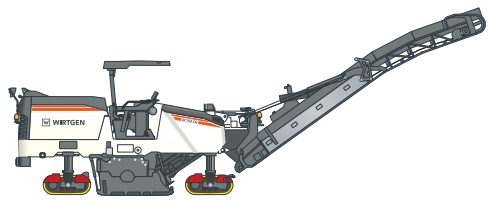
W 125 Cfi

Milling width	1,200 mm
Milling depth	0 - 330 mm
Engine power	292 kW / 392 HP / 397 PS
Operating weight, CE*	21,400 kg
Exhaust emission standard	CN NR Stage 4



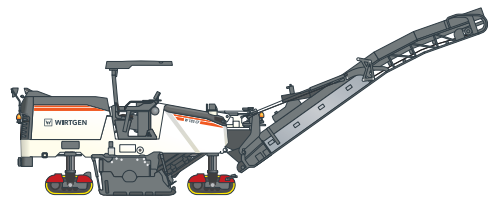
W 155 CF

Milling width	1,500 mm
Milling depth	0 - 330 mm
Engine power	276 kW / 370 HP / 375 PS
Operating weight, CE*	20,650 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3 / CN Stage 3



W 155 Cfi

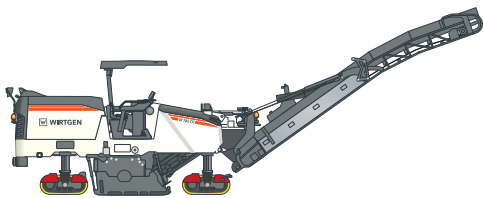
Milling width	1,500 mm
Milling depth	0 - 330 mm
Engine power	292 kW / 392 HP / 397 PS
Operating weight, CE*	20,900 kg
Exhaust emission standard	CN NR Stage 4



W 185 CF

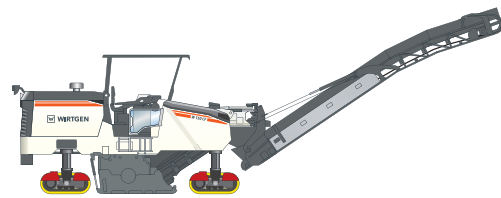
Milling width	1,900 mm
Milling depth	0 - 330 mm
Engine power	276 kW / 370 HP / 375 PS
Operating weight, CE*	21,000 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3 / CN Stage 3

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



W 185 CFi

Milling width	1,900 mm
Milling depth	0 - 330 mm
Engine power	292 kW / 392 HP / 397 PS
Operating weight, CE*	21,250 kg
Exhaust emission standard	CN NR Stage 4



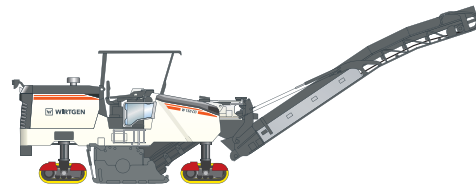
W 150 CF

Milling width	1,500 mm
Milling depth	0 - 300 mm
Engine power	276 kW / 370 HP / 375 PS
Operating weight, CE*	20,550 kg
Exhaust emission standard	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
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



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
Exhaust emission standard	US EPA Tier 4f

LARGE MILLING MACHINES

Cost-effective pavement removal thanks to high milling performance



● OVERVIEW LARGE MILLING MACHINES

- | | |
|-------------------|---------------------|
| ● W 200 XP | ● W 200 F(i) |
| ● W 195 i | ● W 207 Fi |
| ● W 205 i | ● W 210 F(i) |
| ● W 215 i | ● W 220 Fi |
| ● W 200 Hi | ● W 250 Fi |

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.

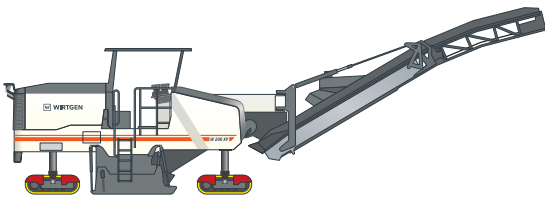
They can be exchanged quickly and easily to suit the application.

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.

up to 4,400 mm
Milling width

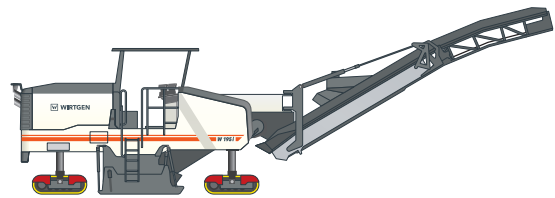
up to 350 mm
Milling depth

up to 753 kW / 1,010 HP / 1,024 PS
Engine power



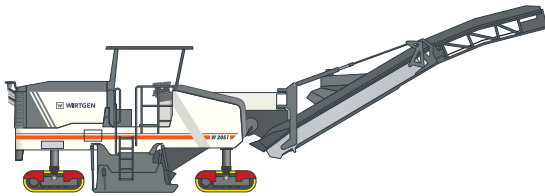
W 200 XP

Milling width	2,000 mm
Milling depth	0 - 330 mm
Engine power	455 kW / 610 HP / 619 PS
Operating weight, CE*	29,160 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3 CN Stage 3



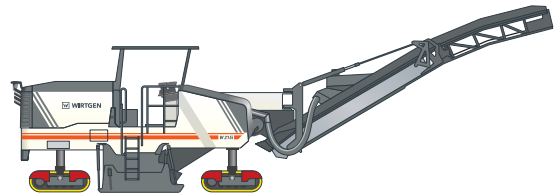
W 195i

Milling width	2,000 mm
Milling depth	0 - 330 mm
Engine power	410 kW / 550 HP / 557 PS
Operating weight, CE*	29,710 kg
Exhaust emission standard	CN NR Stage 4



W 205i

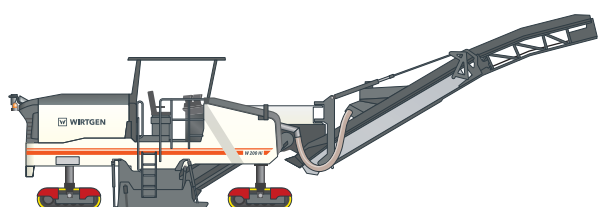
Milling width	2,000 mm
Milling depth	0 - 330 mm
Engine power	455 kW / 610 HP / 619 PS
Operating weight, CE*	30,650 kg
Exhaust emission standard	CN NR Stage 4



W 215i

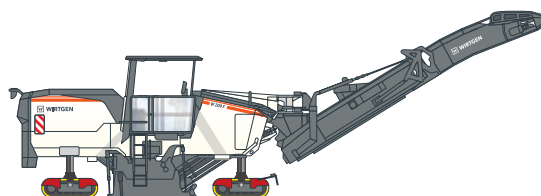
Milling width	2,000 mm
Milling depth	0 - 330 mm
Engine power	470 kW / 630 HP / 639 PS
Operating weight, CE*	30,840 kg
Exhaust emission standard	CN NR Stage 4

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



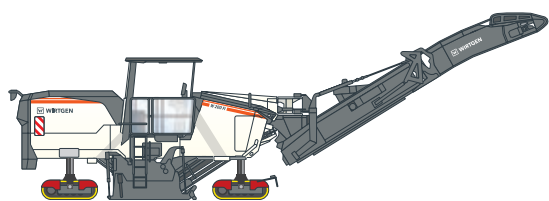
W 200 Hi

Milling width	2,100 mm
Milling depth	0 - 300 mm
Engine power	455 kW / 610 HP / 619 PS
Operating weight, CE*	29,800 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



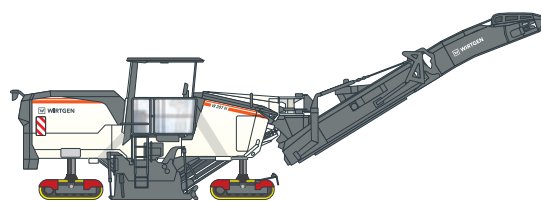
W 200 F

Milling width	2,000 mm
Milling depth	0 - 330 mm
Engine power	455 kW / 610 HP / 619 PS
Operating weight, CE*	27,750 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3



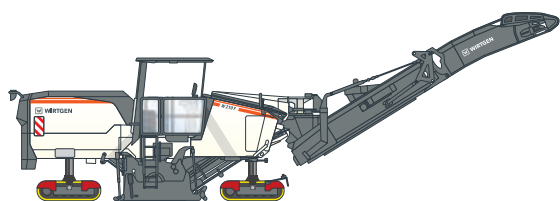
W 200 Fi

Milling width	2,000 mm
Milling depth	0 - 330 mm
Engine power	455 kW / 610 HP / 619 PS
Operating weight, CE*	28,200 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



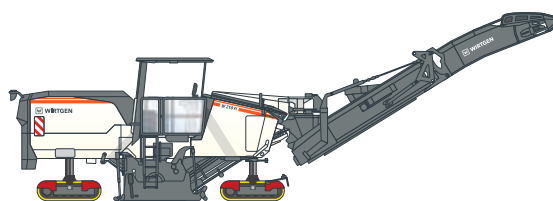
W 207 Fi

Milling width	2,000 mm
Milling depth	0 - 330 mm
Engine power	470 kW / 630 HP / 639 PS
Operating weight, CE*	28,700 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



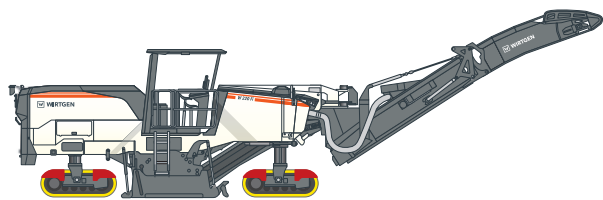
W 210 F

Milling width	2,000 mm
Milling depth	0 - 330 mm
Engine power	571 kW / 766 HP / 777 PS
Operating weight, CE*	29,300 kg
Exhaust emission standard	US EPA Tier 2



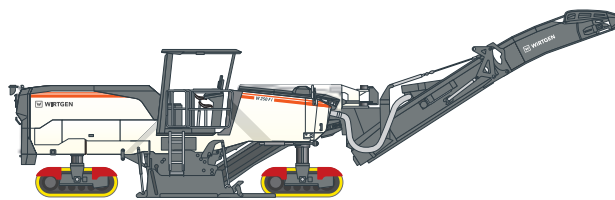
W 210 Fi

Milling width	2,000 mm
Milling depth	0 - 330 mm
Engine power	563 kW / 755 HP / 766 PS
Operating weight, CE*	29,300 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



W 220 Fi

Milling width	2,200 mm
Milling depth	0 - 350 mm
Engine power	597 kW / 801 HP / 812 PS
Operating weight, CE*	37,400 kg
Exhaust emission standard	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
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f

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



RECYCLERS AND SOIL STABILIZERS

The ideal solution for every application





WIRTGEN offers a wide range of products for cold recycling and soil stabilization. The series feature a finely varied range of models that seamlessly cover all performance classes and impressively master every challenge.

In addition, the machines offer a unique range of options that enable them to meet the individual requirements of applications or specific terms of calls for tenders.

TRACTOR-TOWED STABILIZERS

Soil stabilization on small and medium-sized sites





- **OVERVIEW**
TRACTOR-TOWED STABILIZERS

- **WS 220**

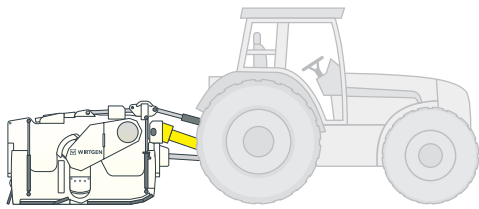
- **WS 250**

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.

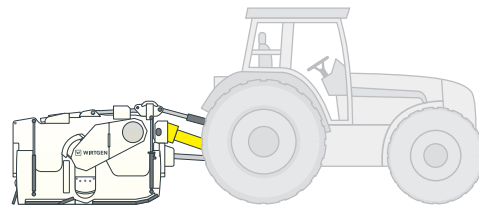
up to 2,500 mm
Working width

up to 500 mm
Working depth



WS 220

Working width	2,150 mm
Working depth	0 - 500 mm
Operating weight, CE *	4,540 kg
Engine power of tractor	> 180 kW / 245 PS



WS 250

Working width	2,500 mm
Working depth	0 - 500 mm
Operating weight, CE *	4,780 kg
Engine power of tractor	> 220 kW / 300 PS

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



COLD RECYCLERS AND SOIL STABILIZERS (WR SERIES)

Stabilization of soils and recycling of asphalt courses



- **OVERVIEW COLD RECYCLERS AND SOIL STABILIZERS (WR SERIES)**

- **WR 200 (i)**
- **WR 200 XLi**
- **WR 240 (i)**
- **WR 250 (i)**

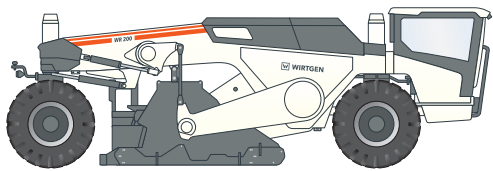
The recyclers have a variable mixing chamber and micro-processor-controlled injection systems for the addition of bitumen emulsion, water and foamed bitumen. In the soil stabilization process, the all-wheel drive, all-terrain machines mix binding agents into existing soils, producing load-bearing soils 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 material mix then serves as the basis for the production of cement-treated (CTB) or flexible bituminous-bound base layers.

up to 2,400 mm
Working width

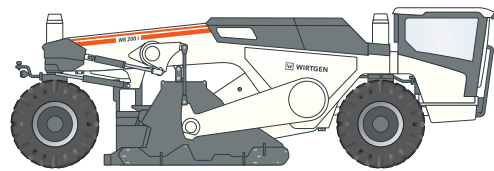
up to 560 mm
Working depth

up to 571 kW / 766 HP / 777 PS
Engine power



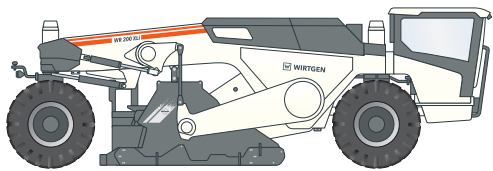
WR 200

Working width	2,000 mm
Working depth	0 - 500 mm
Engine power	315 kW / 422 HP / 428 PS
Operating weight, CE*	24,200 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3



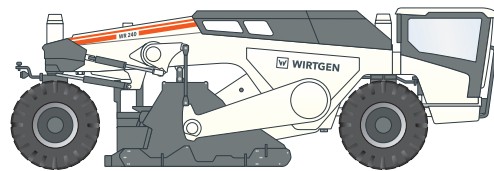
WR 200i

Working width	2,000 mm
Working depth	0 - 500 mm
Engine power	320 kW / 429 HP / 435 PS
Operating weight, CE*	24,500 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



WR 200 XLi (USA only)

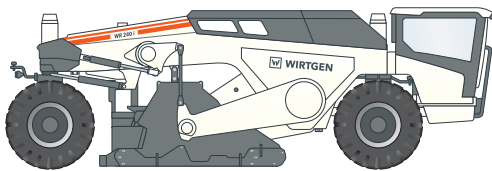
Working width	2,400 mm
Working depth	0 - 500 mm
Engine power	320 kW / 429 HP / 435 PS
Operating weight, CE*	25,900 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



WR 240

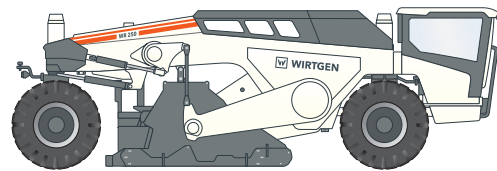
Working width	2,400 mm
Working depth	0 - 510 mm
Engine power	455 kW / 610 HP / 619 PS
Operating weight, CE*	30,000 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3

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



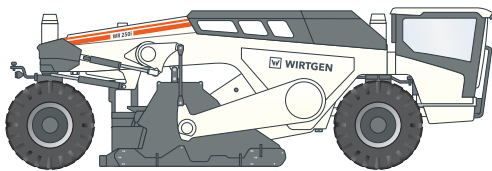
WR 240i

Working width	2,400 mm
Working depth	0 - 510 mm
Engine power	455 kW / 610 HP / 619 PS
Operating weight, CE*	30,600 kg
Exhaust emission standard	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
Exhaust emission standard	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
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f

COLD RECYCLERS (CR SERIES)

Recycling asphalt layers in a single pass



- **OVERVIEW COLD RECYCLERS (CR SERIES)**

- **W 240 CR(i)**

- **W 380 CR(i)**

Cold recyclers of the CR series are utilized for exceptionally efficient recycling of road pavements. Binding agents and water are added in precisely metered quantities by means of microprocessor- controlled injection systems.

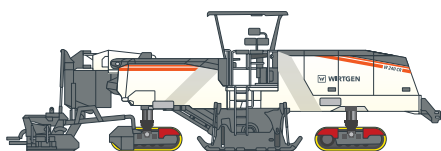
Cold recyclers with a paving screed use the down-cut process and immediately repave the recycled construction material.

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.

up to 3,800 mm
Working width

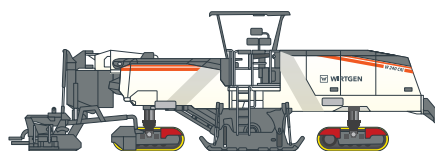
up to 350 mm
Working depth

up to 775 kW / 1,038 HP / 1,054 PS
Engine power



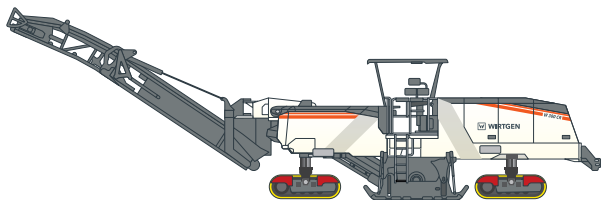
W 240 CR

Working width	2,350 mm
Working depth *	0 - 350 mm
Engine power	708 kW / 950 HP / 963 PS
Operating weight, CE**	48,500 kg
Exhaust emission standard	No EU regulation / US EPA Tier 2



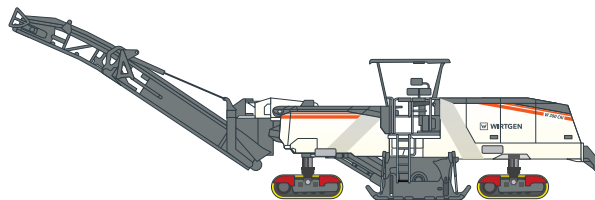
W 240 CRi

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
Exhaust emission standard	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
Exhaust emission standard	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
Exhaust emission standard	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



COLD RECYCLING MIXING PLANT

Ancillary equipment with special functions



- **OVERVIEW**
COLD RECYCLING MIXING PLANT

- **KMA 240 (i)**

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.

up to 240 t/h
Mixing power

129,4 kW / 174 HP / 176 PS
Engine power



KMA 240

Mixing performance	max. 240 t/h
Engine power	129,4 kW / 174 HP / 176 PS
Operating weight, CE*	31.650 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3



KMA 240i

Mixing performance	max. 240 t/h
Engine power	129 kW / 173 HP / 175 PS
Operating weight, CE*	31.850 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f

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

LABORATORY EQUIPMENT

Ancillary equipment with special functions



LABORATORY FOAMED BITUMEN PLANT WLB 10 S

Dimensions (L x B 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 B 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 B 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

SLIPFORM PAVERS

The ideal solution for every application





The seamless range of WIRTGEN inset slipform pavers covers all performance classes and fields of application. Standard paving widths for concrete slabs range from 1.0 m to 16.0 m at standard paving heights of up to 450 mm.

The WIRTGEN product range also offers an extensive portfolio of offset slipform pavers. Numerous machine configurations are possible. Concrete safety barriers for crash protection on highways can be produced at standard heights of up to 2.2 m.

OFFSET SLIPFORM PAVERS

Multitalents in monolithic profile paving





● OVERVIEW OFFSET SLIPFORM PAVERS

- SP 15 (i)
- SP 20 (i)
- SP 25 (i)
- SP 61 (i)

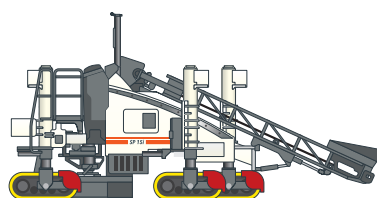
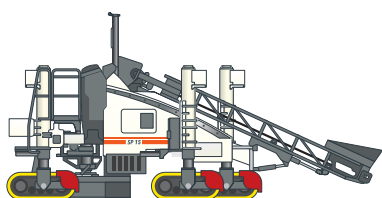
With offset slipform pavers, the concrete is transported into the offset mold via a loading conveyor or a conveyor auger. The offset mold can be mounted on the left or right-hand side of the machine. A number of molds in a wide range of different shapes and sizes are available for individual applications. 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 string-line-free concrete paving.

up to 4.0 m
Installation width

up to 3.0 m
Installation height

up to 180 kW / 241 HP / 245 PS
Engine power

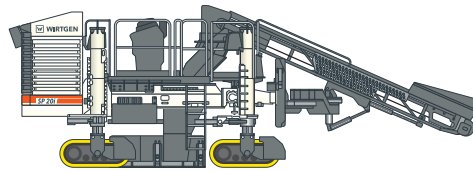
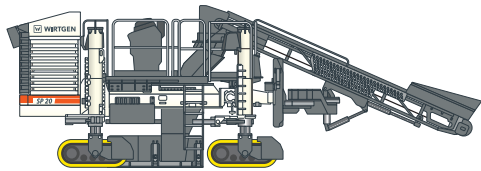


SP 15

Paving width**	max. 1,800 mm***
Paving height**	max. 1,300 mm
Engine power	92 kW / 123 HP / 125 PS
Operating weight, CE*	10,000 - 13,500 kg
Exhaust emission standard	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*	10,000 - 13,500 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



SP 20

Paving width**	max. 2,500 mm
Paving height**	max. 2,000 mm
Engine power	118 kW / 158 HP / 160 PS
Operating weight, CE*	11,000 - 18,900 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3

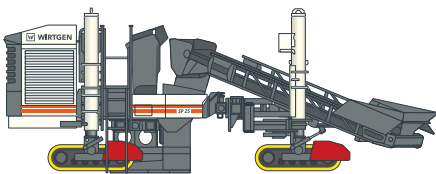
SP 20i

Paving width**	max. 2,500 mm
Paving height**	max. 2,000 mm
Engine power	115 kW / 154 HP / 156 PS
Operating weight, CE*	11,000 - 18,900 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f

* Weight of machine, half weight of all consumables, machine operator (75 kg), on-board tool kit, no optional equipment; weights depend on the actual equipment installed and the working width

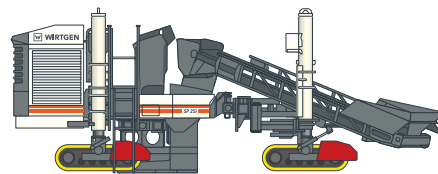
** Please consult factory for different offset geometries or special applications

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



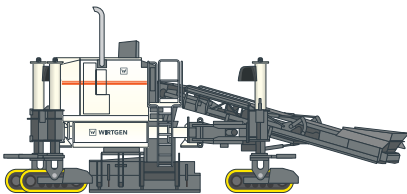
SP 25

Paving width**	max. 2,500 mm
Paving height**	max. 2,000 mm
Engine power	118 kW / 158 HP / 160 PS
Operating weight, CE*	11,500 - 22,500 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3



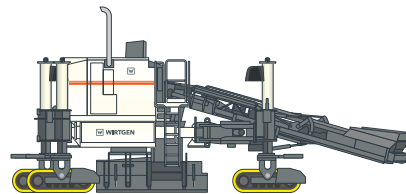
SP 25i

Paving width**	max. 2,500 mm
Paving height**	max. 2,000 mm
Engine power	115 kW / 154 HP / 156 PS
Operating weight, CE*	11,500 - 22,500 kg
Exhaust emission standard	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
Operating weight, CE*	16,000 - 27,500 kg
Exhaust emission standard	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
Operating weight, CE*	16,000 - 27,500 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f

INSET SLIPFORM PAVERS

Single- and dual-layer paving of large concrete slabs



● OVERVIEW INSET SLIPFORM PAVERS

- SP 25 (i)
- SP 62 (i)
- SP 64 (i)
- SP 94 (i)
- SP 102 i
- SP 124 (i)
- SP 154 i
- SP 164 (i)

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.

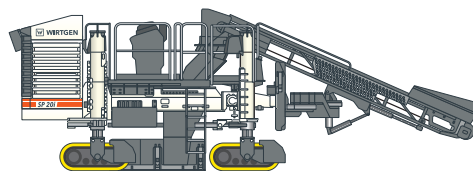
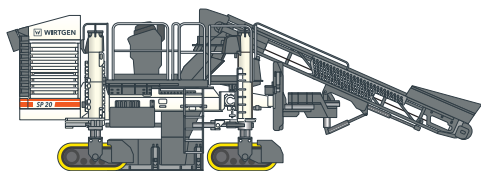
The finishing beam levels the area transverse to the pavement and the super smoother creates a perfect surface. When paving dual-layer concrete, the bottom-layer and top-layer concrete are processed simultaneously and paved wet-in-wet.

up to 16.0 m
Paving width

up to 450 mm
Paving thickness

321 kW / 430 HP / 436 PS
Engine power



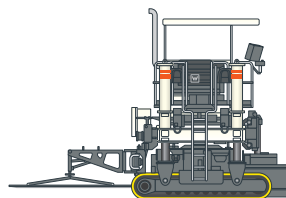
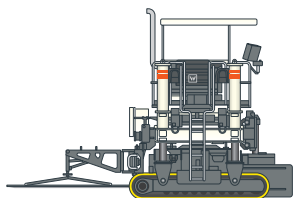


SP 25

Paving width Inset	max. 3.5 m
Paving thickness Inset**	max. 400 mm
Engine power	118 kW / 158 HP / 160 PS
Operating weight, CE*	11,500 – 22,500 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3

SP 25i

Paving width Inset	max. 3.5 m
Paving thickness Inset**	max. 400 mm
Engine power	115 kW / 154 HP / 156 PS
Operating weight, CE*	11,500 – 22,500 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



SP 62

Paving width**	3.5 – 7.5 m
Paving thickness**	max. 450 mm
Engine power	155 kW / 208 HP / 211 PS
Operating weight, CE*	17,000 – 36,000 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3

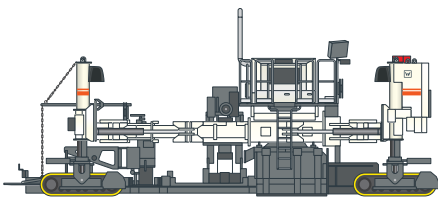
SP 62i***

Paving width**	3.5 – 7.5 m
Paving thickness**	max. 450 mm
Engine power	180 kW / 241 HP / 245 PS
Operating weight, CE*	17,000 – 36,000 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f

* Weight of machine, half weight of all consumables, machine operator (75 kg), on-board tool kit, no optional equipment; weights depend on the actual equipment installed and the working width

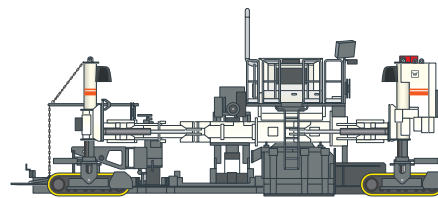
** Please consult factory for different offset geometries or special applications

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



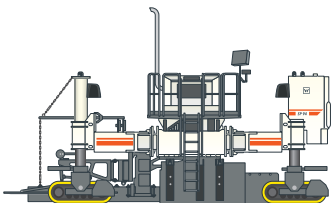
SP 64

Paving width**	3.5 - 6.0 m (without DBI up to 7.5 m)
Paving thickness**	max. 450 mm
Engine power	155 kW / 208 HP / 211 PS
Operating weight, CE*	21,000 - 54,000 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3



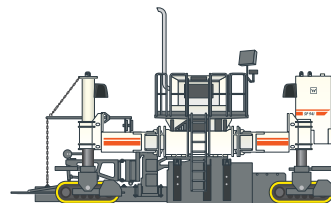
SP 64i***

Paving width**	3.5 - 6.0 m (without DBI up to 7.5 m)
Paving thickness**	max. 450 mm
Engine power	180 kW / 241 HP / 245 PS
Operating weight, CE*	21,000 - 54,000 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



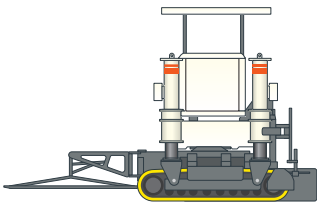
SP 94

Paving width**	3.5 - 9.5 m
Paving thickness**	max. 450 mm
Engine power	224 kW / 300 HP / 305 PS
Operating weight, CE*	30,500 - 75,000 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3



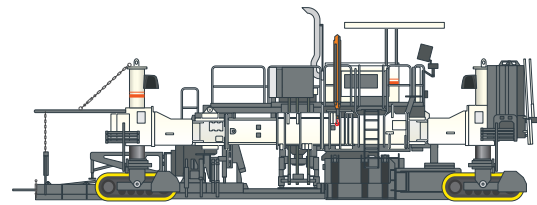
SP 94i***

Paving width**	3.5 - 9.5 m
Paving thickness**	max. 450 mm
Engine power	231 kW / 310 HP / 314 PS
Operating weight, CE*	30,500 - 75,000 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



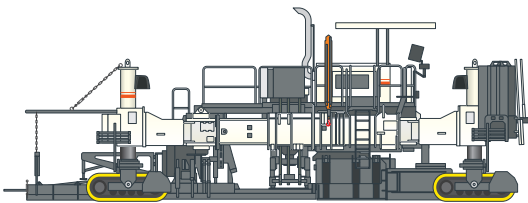
SP 102i (USA only)

Paving width**	16 - 40 ft
Paving thickness**	max. 450 mm
Engine power	231 kW / 310 HP / 314 PS
Operating weight, CE*	25,500 - 51,000 kg
Exhaust emission standard	US EPA Tier 4f



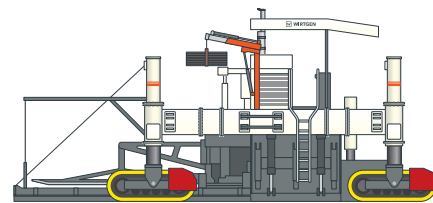
SP 124

Paving width**	4.5 - 12.0 m
Paving thickness**	max. 450 mm
Engine power	272 kW / 365 HP / 370 PS
Operating weight, CE*	48,000 - 106,000 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3



SP 124i***

Paving width**	4.5 - 12.0 m
Paving thickness**	max. 450 mm
Engine power	321 kW / 430 HP / 436 PS
Operating weight, CE*	48,000 - 106,000 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



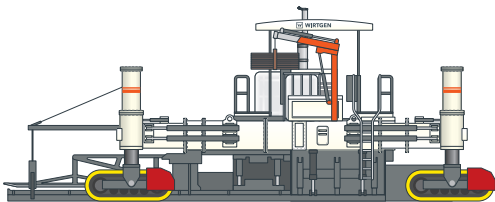
SP 154i

Paving width**	5.0 - 16.0 m
Paving thickness**	max. 450 mm
Engine power	321 kW / 430 HP / 436 PS
Operating weight, CE*	38,000 - 80,000 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f

* Weight of machine, half weight of all consumables, machine operator (75 kg), on-board tool kit, no optional equipment; weights depend on the actual equipment installed and the working width

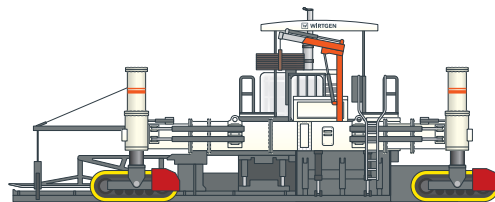
** Please consult factory for different offset geometries or special applications

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



SP 164

Paving width**	5.0 - 16.0 m
Paving thickness**	max. 450 mm
Engine power	313 kW / 420 HP / 426 PS
Operating weight, CE*	48,000 - 155,000 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3



SP 164i

Paving width**	5.0 - 16.0 m
Paving thickness**	max. 450 mm
Engine power	321 kW / 430 HP / 436 PS
Operating weight, CE*	48,000 - 155,000 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f

PLACER / SPREADERS AND TEXTURE CURING MACHINES

Professional ancillary equipment





- **OVERVIEW SIDE FEEDER AND TEXTURE CURING MACHINES**

- **WPS 62 (i)**
- **WPS 102 i**
- **TCM 95 (i)**
- **TCM 180 (i)**

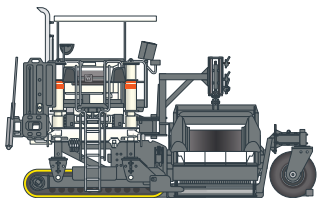
If a reinforcement is to be laid in advance of a concrete pavement, concrete can be fed from the side. The side feeder travels over the top of the pre-placed reinforcement in front of the slipform paver, while being fed with concrete from the side. It lays the concrete evenly in front of the slipform paver and spreads it across the full working width.

Texture curing machines 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.

up to 18.0 m
Working width

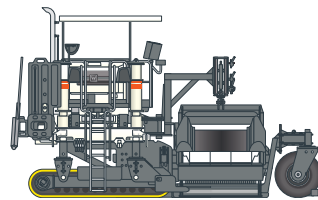
up to 500 mm
Working height

up to 180 kW / 241 HP / 245 PS
Engine power



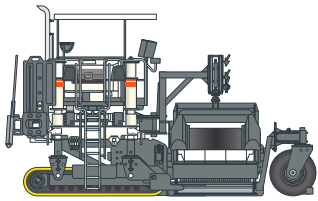
WPS 62

Working width	4.5 - 7.5 m
Working height	max. 500 mm
Engine power	155 kW / 208 HP / 211 PS
Operating weight, CE*	17,000 - 40,000 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3



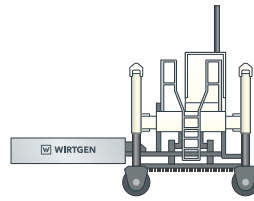
WPS 62i

Working width	4.5 - 7.5 m
Working height	max. 500 mm
Engine power	180 kW / 241 HP / 245 PS
Operating weight, CE*	17,000 - 40,000 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



WPS 102i (USA only)

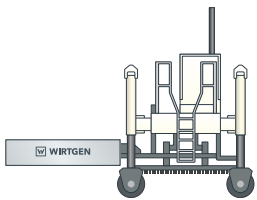
Working width	4.5 - 12.0 m
Working height	max. 500 mm
Engine power	231 kW / 310 HP / 314 PS
Operating weight, CE*	25,500 - 51,000 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



TCM 95

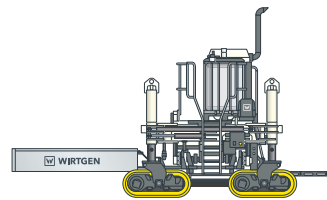
Working width	max. 9.5 m
Working height	max. 500 mm
Engine power	41 kW / 55 HP / 56 PS
Operating weight, CE*	7,500 - 15,000 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3

* Weight of machine, half weight of all consumables, machine operator (75 kg), on-board tool kit, no optional equipment; weights depend on the actual equipment installed and the working width



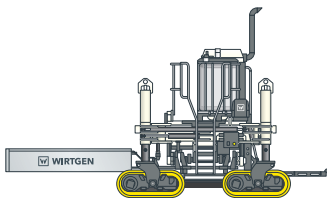
TCM 95i

Working width	max. 9.5 m
Working height	max. 500 mm
Engine power	45 kW / 60 HP / 61 PS
Operating weight, CE*	7,500 - 15,000 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



TCM 180

Working width	max. 18.0 m
Working height	max. 500 mm
Engine power	41 kW / 55 HP / 56 PS
Operating weight, CE*	9,000 - 19,500 kg
Exhaust emission standard	EU Stage 3a / US EPA Tier 3



TCM 180i

Working width	max. 18.0 m
Working height	max. 500 mm
Engine power	45 kW / 60 HP / 61 PS
Operating weight, CE*	9,000 - 19,500 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f

SURFACE MINERS AND CROSS APPLICATION MINERS

The ideal solution for every application



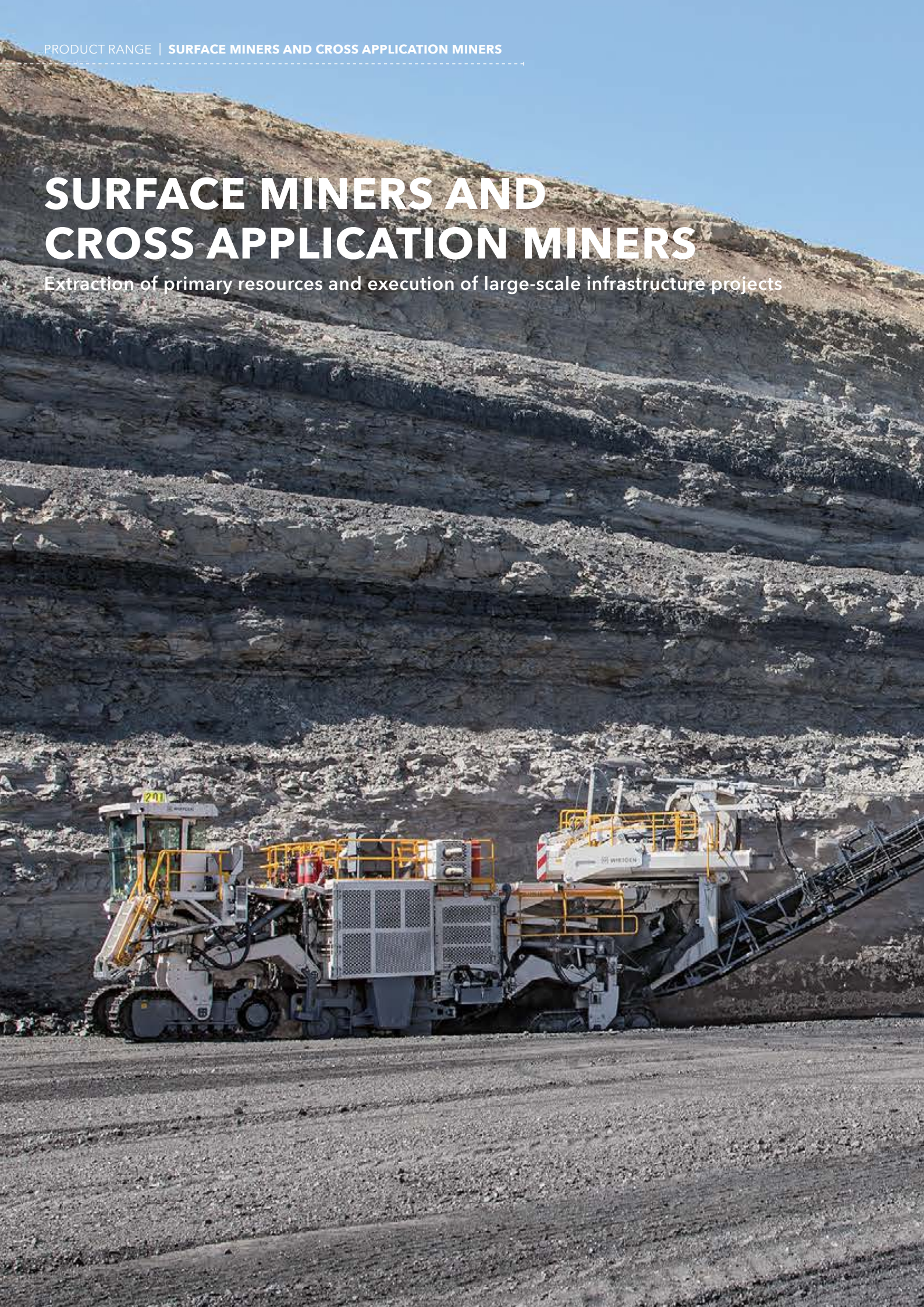


Ruggedly-built Surface Miners are used for the extraction of a wide range of primary resources by cutting in open cast mines. Thanks to selective extraction, they achieve high degrees of material quality and enable optimal exploitation of mineral deposits.

Cross Application Miners are purpose-built for frequently changing applications, particularly in the course of larger infrastructure projects. These machines therefore differ to some extent in terms of features, equipment and size and are therefore also easier to transport.

SURFACE MINERS AND CROSS APPLICATION MINERS

Extraction of primary resources and execution of large-scale infrastructure projects



- **OVERVIEW SURFACE MINERS**

- **220 SM(i)**
- **220 SM(i) 3.8**
- **280 SM(i)**
- **4200 SM(i)**

- **CROSS APPLICATION MINER**

- **260 SX(i)**

Surface Miner surface miners extract raw materials such as coal, gypsum, salt, phosphate, bauxite, or limestone in open-cast mines. The selective extraction process assures high material purity and optimal exploitation of deposits.

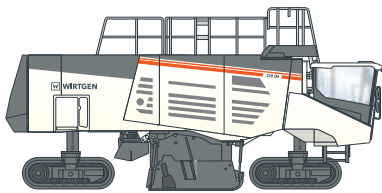
Cross application miners provide solutions for larger-scale infrastructure projects, and are employed for cutting routes or lowering the floors in tunnels.

The extracted material can be deposited behind the machine in windrows, sidecast in heaps by an integrated discharge conveyor, or loaded directly onto transport vehicles.

up to 4,200 mm
Cutting width

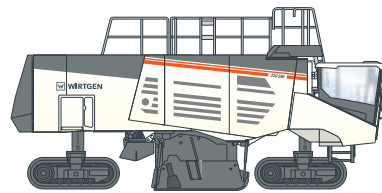
up to 830 mm
Cutting depth

up to 1,194 kW / 1,600 HP / 1,623 PS
Engine power



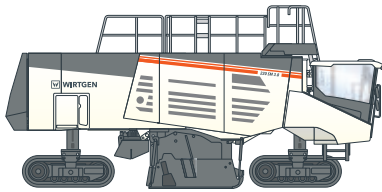
220 SM

Cutting width	2,200 mm
Cutting depth	0 - 300 mm
Engine power	708 kW / 950 HP / 963 PS
Operating weight, CE*	53,150 kg
Exhaust emission standard	No EU regulation / US EPA Tier 2



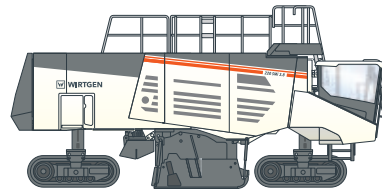
220 SM i

Cutting width	2,200 mm
Cutting depth	0 - 300 mm
Engine power	708 kW / 950 HP / 963 PS
Operating weight, CE*	54,000 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



220 SM 3.8

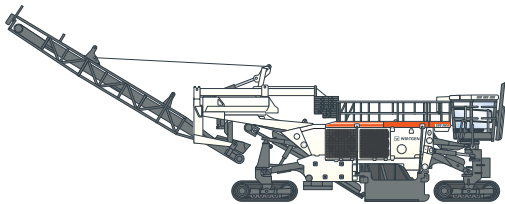
Cutting width	3,800 mm
Cutting depth	0 - 350 mm
Engine power	708 kW / 950 HP / 963 PS
Operating weight, CE*	58,050 kg
Exhaust emission standard	No EU regulation / US EPA Tier 2



220 SM i 3.8

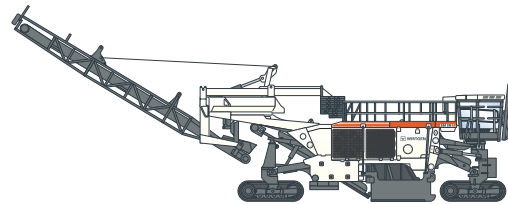
Cutting width	3,800 mm
Cutting depth	0 - 350 mm
Engine power	708 kW / 950 HP / 963 PS
Operating weight, CE*	59,000 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f

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



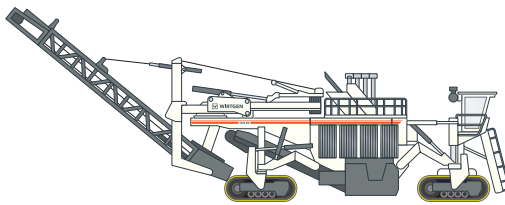
280 SM

Cutting width	2,750 mm
Cutting depth	0 - 650 mm
Engine power	783 kW / 1,050 HP / 1,065 PS
Operating weight, CE*	116,110 kg
Exhaust emission standard	No EU regulation / US EPA Tier 2



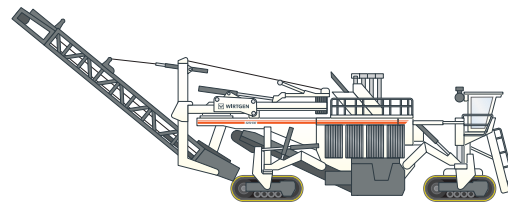
280 SMi

Cutting width	2,750 mm
Cutting depth	0 - 650 mm
Engine power	783 kW / 1,050 HP / 1,065 PS
Operating weight, CE*	116,875 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



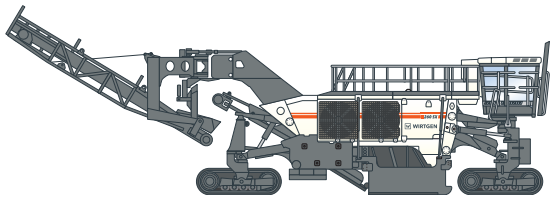
4200 SM

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
Exhaust emission standard	No EU regulation / US EPA Tier 2



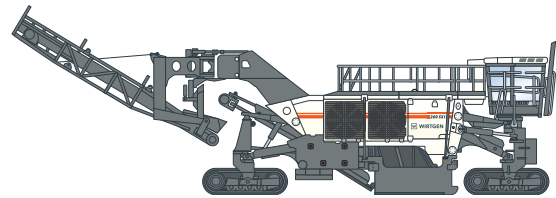
4200 SMi

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
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



260 SX

Cutting width	2,750 mm
Cutting depth	0 - 650 mm
Engine power	783 kW / 1,050 HP / 1,065 PS
Operating weight, CE*	101,110 kg
Exhaust emission standard	No EU regulation / US EPA Tier 2



260 SXi

Cutting width	2,750 mm
Cutting depth	0 - 650 mm
Engine power	783 kW / 1,050 HP / 1,065 PS
Operating weight, CE*	101,875 kg
Exhaust emission standard	EU Stage 5 / US EPA Tier 4f



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