

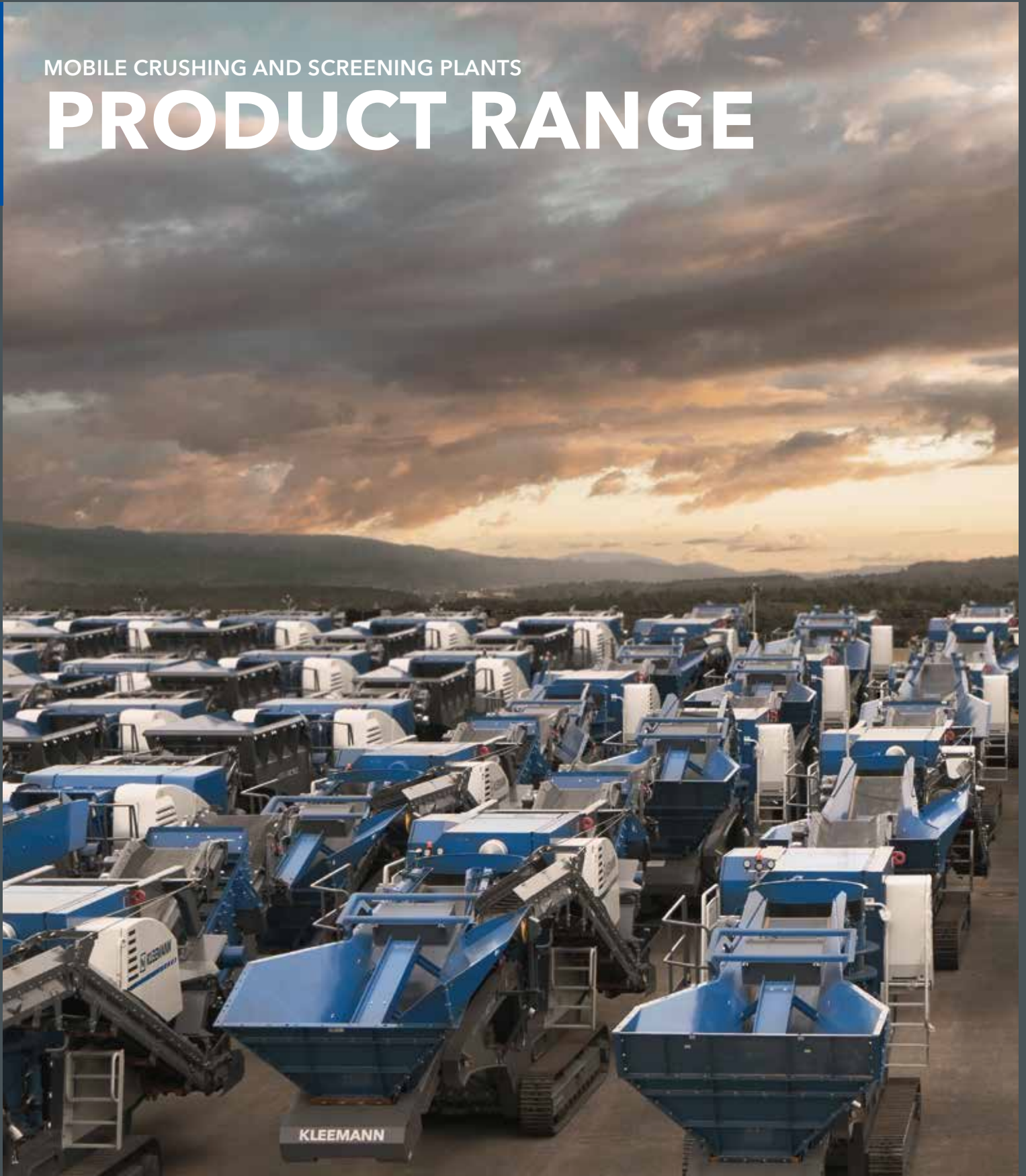
A WIRTGEN GROUP COMPANY



KLEEMANN

MOBILE CRUSHING AND SCREENING PLANTS

PRODUCT RANGE





A LONG TRADITION OF EXPERTISE.

For the past 100 years, KLEEMANN GmbH has been developing and manufacturing machines and plants for the natural stone and recycling industry. High levels of performance and innovative details, simple handling and maximum safety for the operator - this is what KLEEMANN crushing and screening plants stand for.



Over 100 years of
history

A WIRTGEN GROUP Company
an internationally active group of companies



with more than 200
subsidiaries and dealers at home and abroad

08 MOBICAT | **12** MOBIREX | **16** MOBICONE | **20** MOBISCREEN | **25** MOBIBELT



As an innovative manufacturer of mobile crushing and screening plants, KLEEMANN stands out with high quality, state-of-the-art technologies and superior application know-how.

KLEEMANN

Expertise, innovation, quality

KLEEMANN crushing and screening plant systems are cleverly designed down to the smallest detail and always have the overall process in mind.

As one of the world's leading manufacturers of tracked crushing and screening plant systems, KLEEMANN looks back on a company history of around 100 years. Production of the first mobile crushing and screening plant systems for processing rock and stone began way back in the 1920s. From the mid 1950s onwards, the company increasingly focused its efforts on the construction of stationary crushing and screening plants and in the mid 1980s was one of the pioneers in the construction of track-mounted mobile equipment.

KLEEMANN crushing and screening plant systems are characterised by their high quality and availability, simple operation and impressive versatility. In close partnership with test customers, our plant systems are subjected to thorough testing and are continuously optimized. Series production does not start until high performance and cost-effectiveness are guaranteed.



Through the WIRTGEN GROUP, KLEEMANN can offer service and support all around the world. Optimum customer care as well as performance and availability of the plants are therefore guaranteed at all times.



A good product is not engineered by accident. Kleemann produces top-class tracked crushing and screening plants in ultra-modern production halls spanning 180.000 square yards.



KLEEMANN PRODUCT RANGE

MOBICAT
Mobile jaw crushers

MOBIREX
Mobile impact crushers

MOBICONE
Mobile cone crushers

MOBISCREEN
Mobile screening plants

MOBIBELT
Mobile stackers



MOBICAT MOBILE JAW CRUSHERS



- For coarse and pre-crushing

USED IN:

- > Medium-hard to hard natural stone
- > Recycling
- > Mining applications



MOBIREX MOBILE IMPACT CRUSHERS



- For high crushing rates and high-quality end product with cubic grain shape in the 1st and 2nd crushing stage

USED IN:

- > Soft to medium-hard natural stone
- > Recycling



MOBICONE MOBILE CONE CRUSHERS



- Recrushing in the 2nd and 3rd crushing stage

USED IN:

- > Medium-hard to hard and abrasive natural stone
- > Mining applications



MOBISCREEN MOBILE SCREENING PLANTS



- Classifying or coarse grain screens

USED IN:

- > All natural stones
- > Recycling
- > Ores



MOBIBELT MOBILE STACKERS

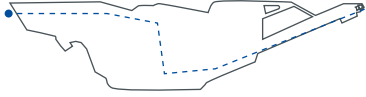


- Tracked and wheeled stackers

USED IN:

- > All natural stones
- > Recycling
- > Ores

MOBICAT



Mobile jaw crushers



Diesel-direct / diesel-electric

Drive concepts

1323 US t/h

Feed capacity

Natural stone and recycling

Application fields



The crushing plants in the MOBICAT series are used for pre-crushing almost all natural stone and for recycling. The output of the MOBICAT crushing plants, however, is not determined by the jaw crusher alone, but rather the optimized interaction of all components plays a decisive role. The focus is also increasingly on cost and environmental consciousness, availability of the plants, versatility and quality of the final product.



MOBICAT EVO-LINE

> Simple transport, fast set-up, high performance



MOBICAT
EVO

MC 100i EVO

- Low consumption diesel direct-drive concept
- Automatic crushing gap adjustment
- Crusher unblocking system (option)
- Feeding unit with integrated prescreen

Feed capacity up to approx.	243 US t/h
Crusher inlet (W x D)	37" x 22"
Weight	71,300 lbs*
Engine power	208 hp



MOBICAT
EVO2

MC 110i EVO2

- Low consumption diesel direct-drive concept
- Innovative overload and control systems
- Crusher unblocking system (option)
- Intuitive SPECTIVE control concept

Feed capacity up to approx.	441 US t/h
Crusher inlet (W x D)	44" x 28"
Weight	93,750 lbs*
Engine power	326 hp

MC 120i PRO



MC 140 Z



MC 100i EVO

MOBICAT QUARRY-LINE

> Extremely robust design, high throughputs, large feed sizes, external power supply possible



**MOBICAT
PRO**

MC 120i PRO

- ✔ Diesel electric-drive concept
- ✔ Option for external power supply
- ✔ Independent double-deck prescreen
- ✔ Vibrating extractor (option)
- ✔ Crusher unblocking system (option)

Feed capacity up to approx.	717 US t/h
Crusher inlet (W x D)	48" x 32"
Weight	159,900 lbs*
Engine power	493 hp



MC 125 Z

- ✔ Diesel electric-drive concept
- ✔ External power supply (option)
- ✔ Independent double-deck prescreen
- ✔ Vibrating extractor

Feed capacity up to approx.	717 US t/h
Crusher inlet (W x D)	49" x 39"
Weight	286,600 lbs*
Engine power	488 hp



MC 140 Z

- ✔ Diesel electric-drive concept
- ✔ External power supply (option)
- ✔ Independent double-deck prescreen
- ✔ Vibrating extractor (option)

Feed capacity up to approx.	827 US t/h
Crusher inlet (W x D)	55" x 45"
Weight	352,740 lbs*
Engine power	587 hp



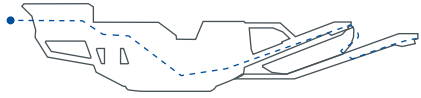
MC 160 PRR

- ✔ Diesel electric-drive concept
- ✔ Extra-large feed hopper with its own tracked chassis
- ✔ Prescreening with two-stage wobbler feeder

Feed capacity up to approx.	1,323 US t/h
Crusher inlet (W x D)	63" x 49"
Weight	881,850 lbs*
Engine power	778 hp

* Minimum weight without options, exact weight specifications upon request

MOBIREX



Mobile impact crushers

Diesel-direct / diesel-electric
Drive concepts

up to 772 US t/h
Feed capacity

Natural stone and recycling
Application fields



The mobile MOBIREX impact crushers are used in soft to medium-hard natural stone and in recycling.

The performance of the plants is impressive – not just in terms of pure volume reduction. The focus today is on cost and environmental awareness, availability, versatility and, above all, the quality of the end-product to be achieved.

The MOBIREX plants crush stone so efficiently that the grain shape, grain size distribution and cleanness comply with the strict standards for concrete and asphalt aggregates.





MOBIREX EVO-LINE

> Versatile application options, simple transport, short set-up times, high machine availability



MR 110i EVO2

- ✔ Low consumption diesel direct-drive concept
- ✔ Automatic crushing gap adjustment
- ✔ Independent double-deck prescreen
- ✔ Lock & Turn safety system
- ✔ Optional: secondary screening unit with oversize grain returning

Feed capacity up to approx.	386 US t/h
Crusher inlet (W x H)	44" x 32"
Weight	120,150 lbs*
Engine power	493 hp



MR 130i EVO2

- ✔ Low consumption diesel direct-drive concept
- ✔ Automatic crushing gap adjustment
- ✔ Independent double-deck prescreen
- ✔ Optional: secondary screening unit with oversize grain returning

Feed capacity up to approx.	496 US t/h
Crusher inlet (W x H)	52" x 36"
Weight	132,300 lbs*
Engine power	493 hp

MR 130i EVO2



MR 122 Zi



MR 150 Z

MOBIREX QUARRY-LINE

> Robust, efficient, inherently safe, external power supply possible



MR 122 Zi

- ✔ Diesel electric-drive concept
- ✔ Option for external power supply
- ✔ Independent double-deck prescreen
- ✔ Vibrating extractor

Feed capacity up to approx.	524 US t/h
Crusher inlet (W x H)	50" x 39"
Weight	141,150 lbs*
Engine power	493 hp



MR 150 Z

- ✔ Diesel electric-drive concept
- ✔ Option for external power supply
- ✔ Independent double-deck prescreen
- ✔ Vibrating extractor

Feed capacity up to approx.	606 US t/h
Crusher inlet (W x H)	60" x 39"
Weight	165,350 lbs*
Engine power	645 hp



MR 170 Z

- ✔ Diesel electric-drive concept
- ✔ Option for external power supply
- ✔ Extra-large independent double-deck prescreen
- ✔ Vibrating extractor

Feed capacity up to approx.	772 US t/h
Crusher inlet (W x H)	65" x 39"
Weight	206,700 lbs*
Engine power	661 hp

* Minimum weight without options, exact weight specifications upon request

MOBICONE

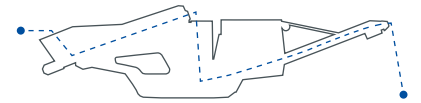
up to 13"
Maximum feed size

up to 717 US t/h
Feed capacity

Natural stone
Application fields



Mobile cone crushers



The mobile MOBICONE cone crushers are used in medium-hard to hard and abrasive natural stone as well as for raw material preparation in mining applications. The cone crushers deliver top-quality cubic final grain sizes in the 2nd and 3rd crushing stage. The MOBICONE plants are available in different sizes and for various applications. The cone crushers are especially suitable for linking with primary crushers and screening plants.



MOBICONE EVO-LINE

> Compact and powerful with and without a secondary screening unit



MCO 90i EVO2

- ▣ Low consumption diesel direct-drive concept
- ▣ Innovative overload systems
- ▣ Intuitive SPECTIVE control concept
- ▣ Continuous crusher loading with CFS

Feed capacity up to approx.	298 US t/h
Crusher system size	d = 38"
Weight	75,000 lbs*
Maximum feed size	8"



MOBICONE QUARRY-LINE

> Robust and efficient for tough applications in natural stone, external power supply possible



**MOBICONE
PRO**

MCO 110i PRO

- Diesel electric-drive concept
- Automatic crusher gap setting
- Pushing mechanism for transport and adaptation of the material discharge pattern
- Continuous crusher loading with CFS
- External power supply (option)

Feed capacity up to approx.	518 US t/h
Crusher system size	d = 44"
Weight	108,600 lbs*
Maximum feed size	9.4"



MCO 110 S

- Diesel electric-drive concept
- External power supply (option)
- Robust, powerful triple-deck screening unit for a closed material loop

Feed capacity up to approx.	496 US t/h
Crusher system size	d = 44"
Weight	159,450 lbs*
Maximum feed size	8"
Screen size (W x L)	6' 9" x 17' 11"



MCO 130

- Diesel electric-drive concept
- External power supply (option)

Feed capacity up to approx.	650 US t/h
Crusher system size	d = 52"
Weight	167,550 lbs*
Maximum feed size	13"



MCO 130 S

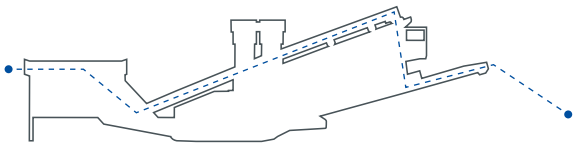
- Diesel electric-drive concept
- External power supply (option)
- Robust, powerful triple-deck secondary screening unit for a closed material circuit

Feed capacity up to approx.	717 US t/h
Crusher system size	d = 52"
Weight	183,000 lbs*
Maximum feed size	11"
Screen size (W x L)	7' 9" x 21' 8"

* Minimum weight without options, exact weight specifications upon request

MOBISCREEN

Mobile screening plants



Classifying screens
Feed size 0" - 7.9"

Scalping screens
Feed size 0" - 20"

up to 882 US t/h
Feed capacity



The MOBISCREEN mobile screening plants are used for screening almost all natural stone and in recycling.



The classifying and scalping screens are available with two or three decks, with hydraulic or diesel electric-drives.

The areas of application of the MOBISCREEN plants are multifaceted. A large number of suitable screen surfaces are available for achieving various final grain sizes and for different feed material.





MOBISCREEN SCALPER



MS 13 Z

- Screen for coarse material with two screen decks
- Diesel hydraulic-drive
- For natural stone and recycling applications
- Maximum feed size: 16"
- Option for external power supply

Feed capacity up to approx.	309 US t/h
Screen size (W x L)	4' 6" x 12'
Weight	50,700 lbs*
Engine power	127 hp



MS 15 Z

- Screen for coarse material with two screen decks
- Diesel hydraulic-drive
- For natural stone and recycling applications
- Maximum feed size: 16"
- Option for external power supply

Feed capacity up to approx.	441 US t/h
Screen size (W x L)	6' x 16'
Weight	72,750 lbs*
Engine power	127 hp



MS 21 Z

- Screen for coarse material with two screen decks
- Diesel hydraulic-drive
- For natural stone and recycling applications
- Maximum feed size: 20"

Feed capacity up to approx.	551 US t/h
Screen size (W x L)	6' 1" x 20'
Weight	82,700 lbs*
Engine power	225 hp

MS 952i EVO



MS 953i EVO



MS 702i EVO

MOBISCREEN CLASSIFYING SCREENS



MOBISCREEN
EVO

MS 702i EVO

- ✔ Double-deck screening plant
- ✔ Diesel hydraulic-drive
- ✔ For natural stone and recycling applications
- ✔ Maximum feed size: 3.9" x 6.3"
- ✔ Option for external power supply

Feed capacity up to approx.

386 US t/h

Screen size (W x L)

5' 1" x 14' 9"

Weight

67,250 lbs*

Engine power

98 hp



MOBISCREEN
EVO

MS 703i EVO

- ✔ Triple-deck screening plant
- ✔ Diesel hydraulic-drive
- ✔ For natural stone and recycling applications
- ✔ Maximum feed size: 3.9" x 6.3"
- ✔ Option for external power supply

Feed capacity up to approx.

386 US t/h

Screen size (W x L)

5' 1" x 14' 9"

Weight

73,900 lbs*

Engine power

98 hp



MOBISCREEN
EVO

MS 952i EVO

- ✔ Double-deck screening plant
- ✔ Diesel hydraulic-drive
- ✔ For natural stone and recycling applications
- ✔ Maximum feed size: 3.9" x 6.3"
- ✔ Option for external power supply

Feed capacity up to approx.

551 US t/h

Screen size (W x L)

5' 1" x 20'

Weight

72,750 lbs*

Engine power

133 hp



MOBISCREEN
EVO

MS 953i EVO

- ✔ Triple-deck screening plant
- ✔ Diesel hydraulic-drive
- ✔ For natural stone and recycling applications
- ✔ Maximum feed size: 3.9" x 6.3"
- ✔ Option for external power supply

Feed capacity up to approx.

551 US t/h

Screen size (W x L)

5' 1" x 20'

Weight

81,600 lbs*

Engine power

133 hp

* Minimum weight without options, exact weight specifications upon request



MS 20 D / MS 23 D



MS 20 D



MS 20 D

- ✔ Triple-deck screening plant
- ✔ Diesel electric-drive concept
- ✔ For natural stone applications
- ✔ Maximum feed size: 3.9" x 6.3"

Feed capacity up to approx.	717 US t/h
Screen size (W x L)	6' 9" x 19' 8"
Weight	123,600 lbs*
Engine power	303 hp



MS 23 D

- ✔ Triple-deck screening plant
- ✔ Diesel electric-drive concept
- ✔ For natural stone applications
- ✔ Maximum feed size: 3.9" x 6.3"

Feed capacity up to approx.	882 US t/h
Screen size (W x L)	7' 7" x 26' 3"
Weight	205,050 lbs*
Engine power	303 hp



MOBIBELT Mobile stackers

The MOBIBELT mobile stackers are used for efficient logistics processes on building sites. The plants are characterised by short setup times as well as high flexibility and mobility.

KT 65-2



Feed capacity up to approx.	350 US t/h
Hopper volume	1.30 yd ³
Belt length	65'
Weight	24,200 lbs*

KT 80-2 / KW 80-2



Feed capacity up to approx.	350 US t/h
Hopper volume	1.33 yd ³
Belt length	80'
Weight KT 80-2	25,960 lbs*
Weight KW 80-2	22,600 lbs*

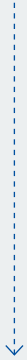
KW 100-2



Feed capacity up to approx.	490 US t/h
Hopper volume	1.33 yd ³
Belt length	100'
Weight	29,060 lbs*

* Minimum weight without options, exact weight specifications upon request

YOUR WIRTGEN GROUP SERVICE

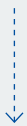


Reduced downtimes, minimal wear costs, maximum customer proximity.



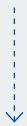
Service network

Our local contact partners provide you with comprehensive support for all applications and questions related to our products. Thanks to our closely-knit, global WIRTGEN GROUP network, we guarantee short response times and quick solutions.



Parts and accessories

Original parts and accessories from your WIRTGEN GROUP Customer Support can ensure the high reliability and availability of the machines in the long term. You can find an overview of all parts under www.partsandmore.net



Training courses

An essential component of the successful use of our plants is knowledge of their operation. In order to communicate the necessary technical knowledge to your employees, KLEEMANN offers a wide range of training courses.







KLEEMANN



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