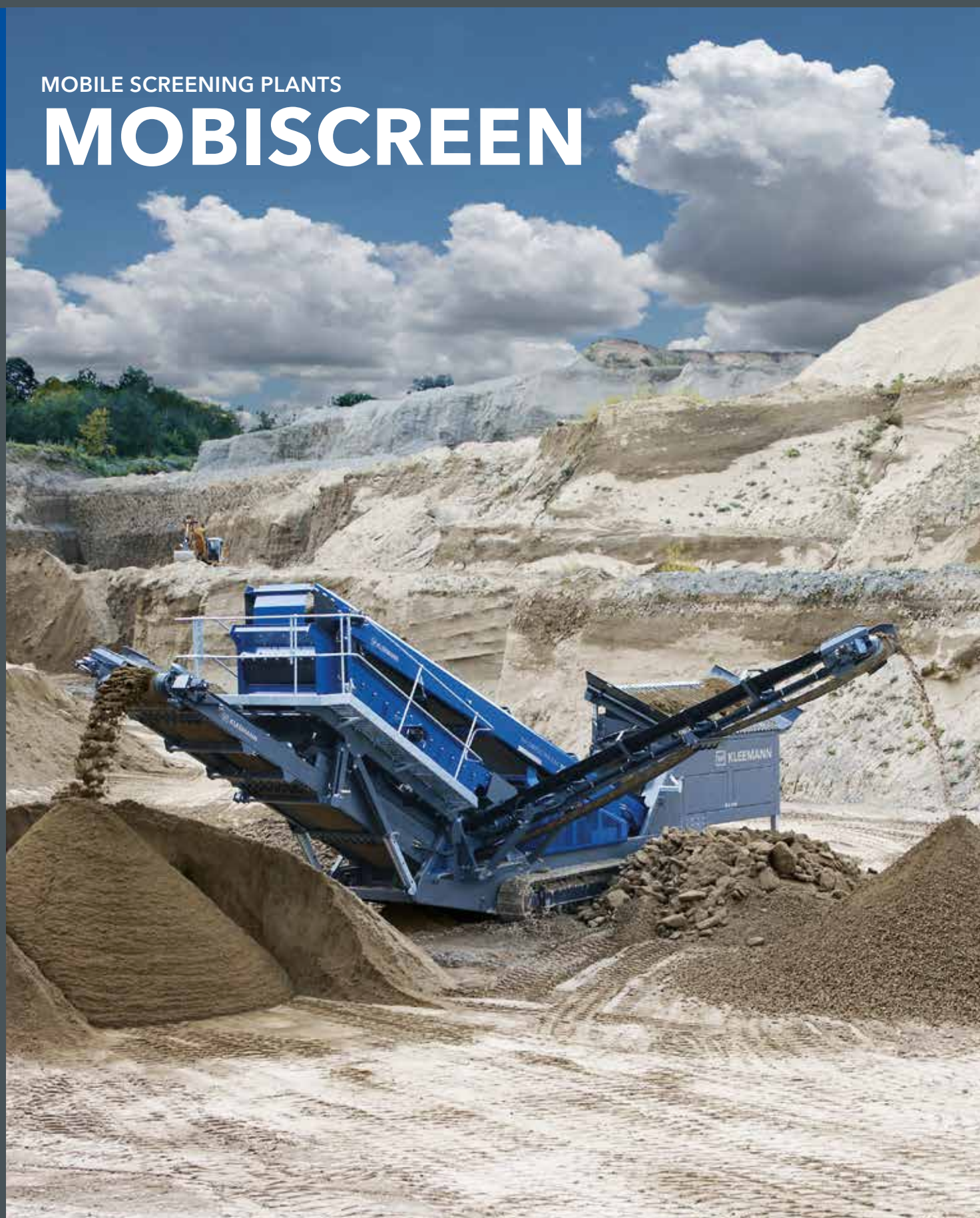




MOBILE SCREENING PLANTS

MOBISCREEN



COMPETENCE AS TRADITION



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

For the past 100 years, KLEEMANN GmbH has been developing and manufacturing machines and plants for the natural stone and recycling industry.

KLEEMANN is part of the WIRTGEN GROUP, a group of companies in the plant construction industry who operate on an international level. This Group includes the five well-known brands, WIRTGEN, VÖGELE, HAMM, KLEEMANN and BENNINGHOVEN, with their headquarters in Germany and local production sites in Brazil, India and China. Customer service is provided worldwide through its 55 independent sales and service outlets.

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MOBISCREEN

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**MOBILE
SCREENING PLANTS**



MOBISCREEN



KLEEMANN



MOBICAT

**MOBILE
JAW CRUSHERS**



MOBICONE

**MOBILE
CONE CRUSHERS**



MOBIREX

**MOBILE
IMPACT CRUSHERS**



MOBISCREEN
MOBILE SCREENING PLANTS



➤ Screens for process or coarse elements

USE IN:

- > all natural stones
- > residual construction materials
- > iron



MOBICAT
MOBILE JAW CRUSHERS



➤ For coarse and pre-crushing

USE IN:

- > medium-hard to hard natural stone
- > recycling
- > mining applications



MOBICONE
MOBILE CONE CRUSHERS



➤ For recrushing in the 2nd and 3rd crushing stage

USE IN:

- > medium-hard to hard, abrasive natural stone
- > 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

USE IN:

- > soft to medium-hard natural stone
- > recycling



MOBIFOX
MOBILE IMPACT CRUSHERS

➤ For recrushing in the 2nd and 3rd crushing stage

USE IN:

- > moderate abrasive natural stone



MOBISCREEN – THE MOBILE SCREENING PLANTS FROM KLEEMANN

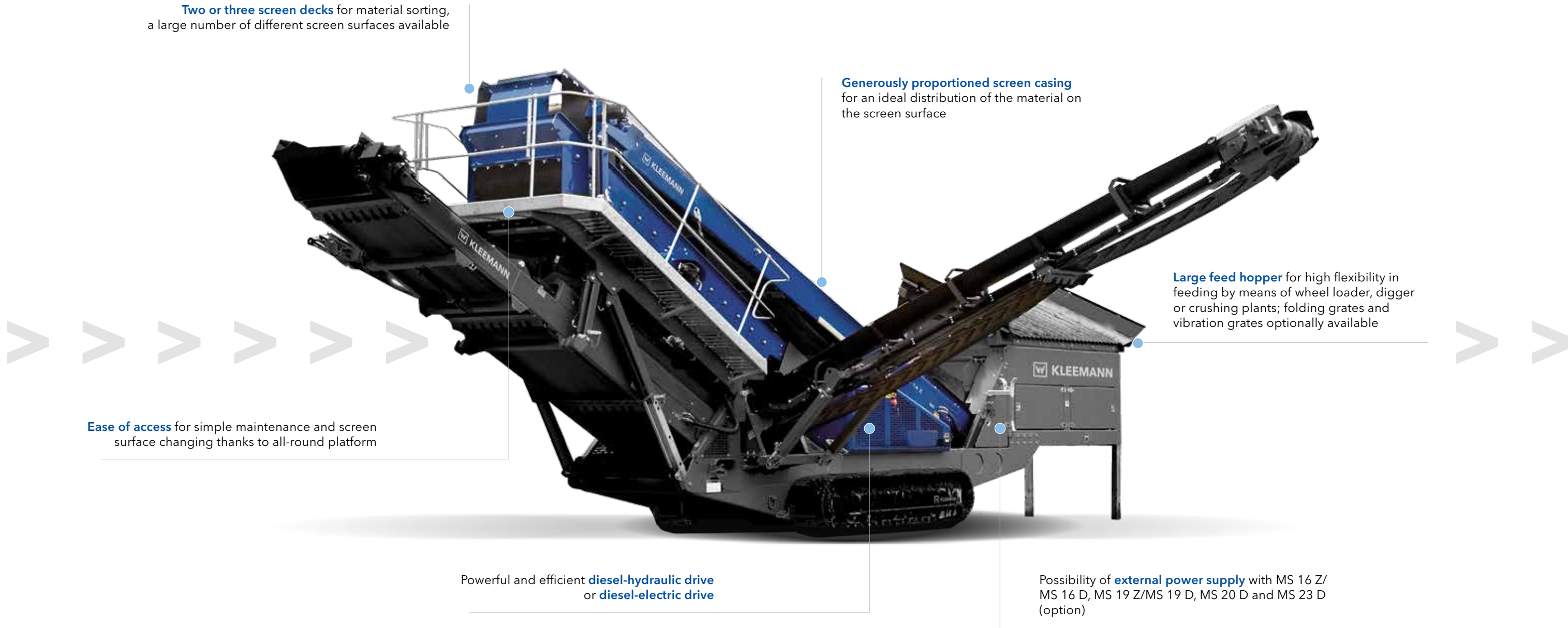
The MOBISCREEN mobile screening plants are used for screening almost all types of natural stone and residual construction materials. The classifying and scalping screens are available in a double- or triple-deck design, with hydraulic or diesel-electric drives. The areas of application of the MOBISCREEN plants are very varied. A large number of suitable screen surfaces are available to achieve the different final grain sizes and for the different feed material.

APPLICATION OF THE MOBISCREEN PLANTS

- > **Classifying screens:** feed size 0 – 200 mm
- > **Scalping screens:** feed size 0 – 500 mm



MOBILE SCREENING PLANTS MOBISCREEN CLASSIFYING SCREENS



YOUR ADVANTAGES AT A GLANCE

High application versatility and optimum results.

The classifying screens in the MOBISCREEN series are characterised by their flexible utilisability and efficient operation with top output values. They are used after the crushing process for material sorting. Different versions with double- or triple-deck screening units are available for the production of 3 or 4 grain fractions.



CLASSIFYING SCREENS FOR THE CONTRACTOR

The area of application of classifying screens in the "Contractor" area is as diverse as the complete KLEEMANN range. Various screening plants with different screen casing sizes are available as double- or triple-deck plants. Thanks to their compact dimensions, they can be relocated quickly and are easy to transport.



THE KLEEMANN APPLICATION RECOMMENDATION

- Classifying screens for screening all types of stone and residual construction materials with a feed size of up to 150 mm
 - > Double-deck screen for up to 3 fractions
 - > Triple-deck screen for up to 4 fractions
- Extensive range of screen surfaces
- Feed capacity from 250 t/h to 500 t/h



MS 14 Z

- Double-deck screening plant
- Diesel-hydraulic drive
- For natural stone and recycling applications
- Maximum feed size: 150 mm

Technical information	
Feed capacity up to approx.	250 t/h
Screen size (W x L)	1,370 x 3,050 mm
Weight	19,500 kg
Engine/Motor output	75 kW



MS 16 Z

- Double-deck screening plant
- Diesel-hydraulic drive
- For natural stone and recycling applications
- Maximum feed size: 150 mm
- Option for external power supply (optional)

Technical information	
Feed capacity up to approx.	350 t/h
Screen size (W x L)	1,520 x 4,270 mm
Weight	27,000 kg
Engine/Motor output	75 kW



MS 16 D

- Triple-deck screening plant
- Diesel-hydraulic drive
- For natural stone and recycling applications
- Maximum feed size: 150 mm
- Option for external power supply (optional)

Technical information	
Feed capacity up to approx.	350 t/h
Screen size (W x L)	1,520 x 4,270 mm
Weight	29,000 kg
Engine/Motor output	75 kW



MS 19 Z

- Double-deck screening plant
- Diesel-hydraulic drive
- For natural stone and recycling applications
- Maximum feed size: 150 mm
- Option for external power supply (optional)

Technical information	
Feed capacity up to approx.	500 t/h
Screen size (W x L)	1,520 x 6,100 mm
Weight	36,000 kg
Engine/Motor output	95 kW



MS 19 D

- Triple-deck screening plant
- Diesel-hydraulic drive
- For natural stone and recycling applications
- Maximum feed size: 150 mm
- Option for external power supply (optional)

Technical information	
Feed capacity up to approx.	500 t/h
Screen size (W x L)	1,520 x 6,100 mm
Weight	36.500 kg
Engine/Motor output	95 kW

CLASSIFYING SCREENS FOR THE QUARRY

The classifying screens in the Quarry-Line are designed to deal with the tough conditions encountered in day-to-day work in a quarry. With their diesel-electric drives, they are even more powerful and particularly suitable for interlinking with crushers from the KLEEMANN Quarry-Line. Thanks to their large screen surfaces, higher throughput is guaranteed, even with small final grain sizes.



THE KLEEMANN APPLICATION RECOMMENDATION

- Classifying screens for screening in natural stone applications with a feed size up to 200 mm
- Triple-deck screens for classifying up to 4 fractions
- Extensive range of screen surfaces
- Feed capacity from 650 t/h to 800 t/h



MS 20 D

- Triple-deck screening plant
- Diesel-electric drive
- For natural stone applications
- Maximum feed size: 150 mm

Technical information

Feed capacity up to approx.	650 t/h
Screen size (W x L)	2,050 x 6,000 mm
Weight	57,000 kg
Engine/Motor output	226 kW



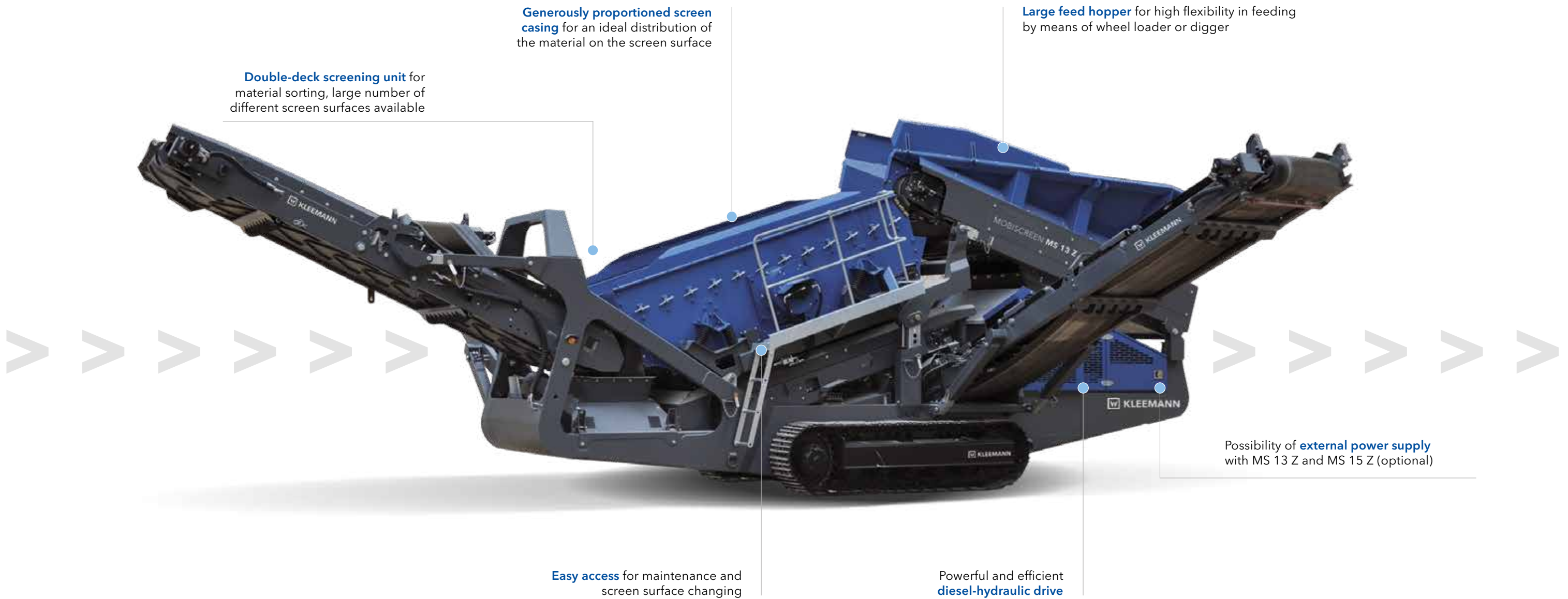
MS 23 D

- Triple-deck screening plant
- Diesel-electric drive
- For natural stone applications
- Maximum feed size: 200 mm

Technical information

Feed capacity up to approx.	800 t/h
Screen size (W x L)	2,300 x 8,000 mm
Weight	85,000 kg
Engine/Motor output	226 kW

MOBILE SCREENING PLANTS, MOBISCREEN
SCALPING SCREENS



YOUR ADVANTAGES AT A GLANCE

Good preparation before the crushing process.

The MOBISCREEN scalping screens are used, for example, prior to the crushing process for material sorting. Scalping screen surfaces, such as slotted grates, finger screens and punched plates are used. Various plant versions with double-deck screening units are available.



SCALPING SCREENS

Scalping screens are designed such that they can already sort the material before the first crushing stage. Various screening plants with different screen casing sizes are available as double-deck plants. Depending on the plant, the feed material can have a feed size of up to 500 mm. Thanks to their compact dimensions, the plants can be relocated quickly and are easy to transport.



THE KLEEMANN APPLICATION RECOMMENDATION

- Scalping screen for screening all types of stone and residual construction materials
 - > Double-deck screens for classifying up to 3 fractions
- Extensive range of screen surfaces
- Feed capacity from 200 t/h to 500 t/h



MS 12 Z

- Scalping screen with two screen decks
- Diesel-hydraulic drive
- For natural stone and recycling applications
- Maximum feed size: 300 mm

Technical information	
Feed capacity up to approx.	200 t/h
Screen size (W x L)	1,220 x 2,750 mm
Weight	15,500 kg
Engine/Motor output	75 kW



MS 13 Z

- Scalping screen with two screen decks
- Diesel-hydraulic drive
- For natural stone and recycling applications
- Maximum feed size: 400 mm
- Option for external power supply (optional)

Technical information	
Feed capacity up to approx.	300 t/h
Screen size (W x L)	1,370 x 3,660 mm
Weight	23,000 kg
Engine/Motor output	75 kW



MS 15 Z

- Scalping screen with two screen decks
- Diesel-hydraulic drive
- For natural stone and recycling applications
- Maximum feed size: 400 mm
- Option for external power supply (optional)

Technical information	
Feed capacity up to approx.	400 t/h
Screen size (W x L)	1,520 x 4,880 mm
Weight	34,000 kg
Engine/Motor output	95 kW



MS 21 Z

- Scalping screen with two screen decks
- Diesel-hydraulic drive
- For natural stone and recycling applications
- Maximum feed size: 500 mm

Technical information	
Feed capacity up to approx.	500 t/h
Screen size (W x L)	1,830 x 6,100 mm
Weight	40,000 kg
Engine/Motor output	165 kW



THE KLEEMANN SERVICE PROGRAM:

CUSTOMER SERVICE AT KLEEMANN

Customer service at KLEEMANN means: reduced downtimes, minimum wear costs, maximum customer proximity.

A wide range of training courses as a basis for optimal use of our plants. A dense network with experienced service technicians. Quickly available original spare parts. All of this is guaranteed by our comprehensive support organisation. Worldwide, day after day.

- The KLEEMANN service program:**
- > Professional maintenance and repair of your machines and plants
 - > Preventive maintenance through service contracts
 - > Ordering of original parts - the correct wear part for your application, reduction in wear part and operating costs
 - > Application advice and training

SERVICE NETWORK



Our local contact partners provide you with comprehensive support for all tasks and questions related to our products. Quick technical support is our main priority. We ensure short response times and quick solutions through a close network of subsidiaries, their experienced service technicians and the additional support provided by our support organisation in the parent plant.

TRAINING COURSES



An essential element of the successful use of our plants is corresponding knowledge of their operation. In order to communicate the necessary technical knowledge to your employees, KLEEMANN offers a wide range of training courses, which can be carried out in the CTT (Centre for Training and Technology) in Göppingen or on site.

PARTS AND ACCESSORIES



Original parts and accessories from KLEEMANN can assure the high reliability and availability of the machines in the long term. Rapid identification of the correct part is possible using WIDOS - the WIRTGEN GROUP documentation system. An overview of all spare parts with simple ordering information is available under www.partsandmore.net

SCREENING TECHNOLOGY - THE MATCHING SCREEN BASES FOR THE BEST POSSIBLE RESULTS

Screen surfaces are severely tested during the daily routine. To guarantee continuous and reliable screening to the desired final grain size, the screen surfaces from KLEEMANN are made of particularly wear-resistant spring wire steel or round wire. Thanks to their double

bracing at the intersections, they have a very high mesh stability to guarantee uniform screening. The screening result itself is determined by numerous factors. The most important influencing factors include the grain shape, the humidity content and the loaded volume.



Plant with 2 or 3 decks

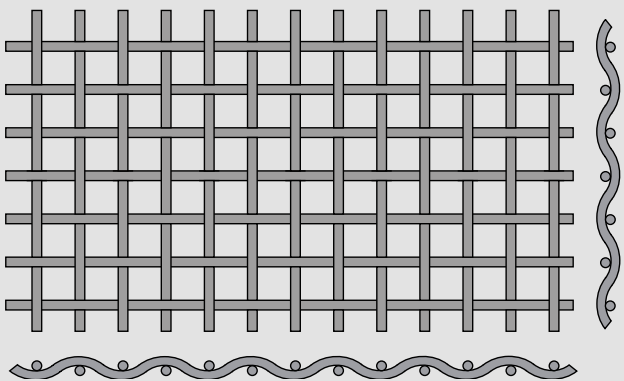


It's down to the material

The applications of the MOBISCREEN plants are diverse. A variety of suitable screen surfaces are available for attaining different final grain sizes and for different feed material.

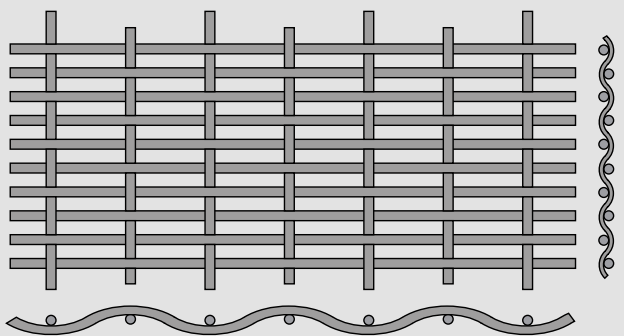
SQUARE MESH

- Most commonly used screen surface
- Used for applications in which a cubic shape is required
- Different wire qualities and thicknesses available (thicker = longer service life, thinner = higher production)



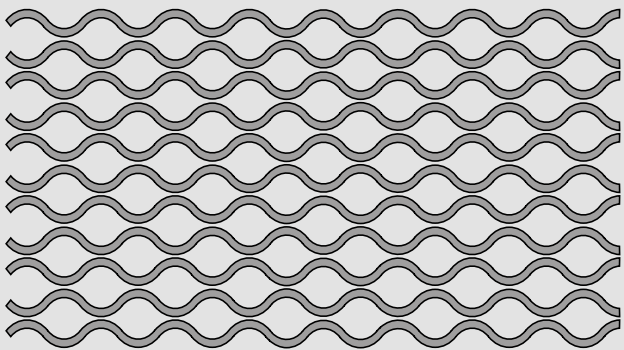
RECTANGULAR MESHES

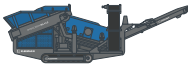

- For screening cubic grain sizes
- Frequently used for natural gravel
- For high throughputs

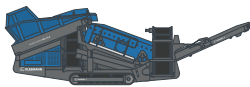






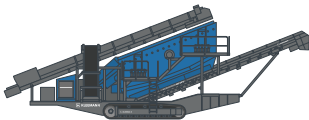
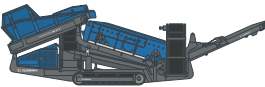
HARP SCREEN

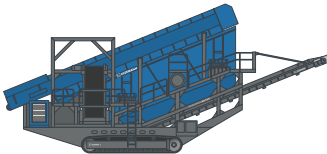
- For screening damp material and difficult screening product
- With self-cleaning effect through the natural vibration of the longitudinal wires
- To be inserted at the lower deck of the screen
- Available in different versions: W-harp, S-harp, Varia harp



MOBISCREEN	MS 12 Z	MS 13 Z	MS 14 Z
			
Type	Double-deck screening plant	Double-deck screening plant	Double-deck screening plant
Classification of	up to 3 fractions	up to 3 fractions	up to 3 fractions
Screen decks	2	2	2
Screen casing size (W x T)	1,220 x 2,750 mm	1,370 x 3,660 mm	1,370 x 3,050 mm
Feed capacity up to approx.	200 t/h	300 t/h	250 t/h
Max. feed size	300 mm	400 mm	150 mm
Weight approx.	15,500 kg	23,000 kg	19,500 kg

MS 15 Z	MS 16 Z	MS 16 D	MS 19 Z
			
Double-deck screening plant	Double-deck screening plant	Triple-deck screening plant	Double-deck screening plant
up to 3 fractions	up to 3 fractions	up to 4 fractions	up to 3 fractions
2	2	3	2
1,520 x 4,880 mm	1,520 x 4,270 mm	1,520 x 4,270 mm	1,520 x 6,100 mm
400 t/h	350 t/h	350 t/h	500 t/h
400 mm	150 mm	150 mm	150 mm
34,000 kg	27,000 kg	29,000 kg	36,000 kg

MOBISCREEN	MS 19 D	MS 20 D	MS 21 Z
			
Type	Triple-deck screening plant	Triple-deck screening plant	Double-deck screening plant
Classification of	up to 4 fractions	up to 4 fractions	up to 3 fractions
Screen decks	3	3	2
Screen casing size (W x T)	1,520 x 6,100 mm	2,050 x 6,000 mm	1,830 x 6,100 mm
Feed capacity up to approx.	500 t/h	650 t/h	500 t/h
Max. feed size	150 mm	150 mm	500 mm
Weight approx.	36,500 kg	57,000 kg	40,000 kg

MS 23 D

Triple-deck screening plant
up to 4 fractions
3
2,300 x 8,000 mm
800 t/h
200 mm
85,000 kg





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