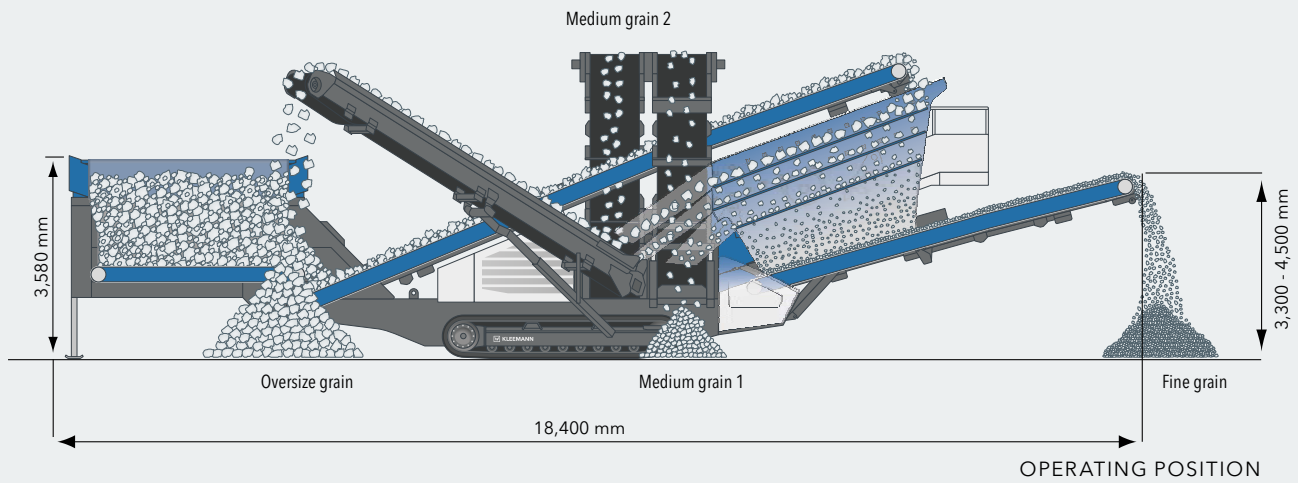


TECHNICAL INFORMATION | MOBILE SCREENING PLANTS

MOBISCREEN MS 703/703i EVO





TECHNICAL HIGHLIGHTS

- Mobile triple-deck screening unit
- Diesel-hydraulic drive
- Classifying screen
- Maximum feed size 100 x 160 mm

TECHNICAL INFORMATION MS 703/703i EVO

Feeding unit			
Feed capacity up to approx. (t/h)		350	
Max. feed size (mm)		100 x 160 (350) ¹⁾	
Feed height - foldable slotted grate (mm)		3,580	
Hopper volume (m ³)		8	
Hopper discharge conveyor			
Width x Length (mm)		1,200 x 3,500	
Feeding conveyor			
Width x Length (mm)		1,200 x 10,300	
Screening unit			
Type		Triple-deck screen	
Width x Length (mm)		1,550 x 4,500	
Fine grain discharge conveyor			
Width x Length (mm)		1,200 x 6,600	
Discharge height approx. (mm)		3,300 - 4,500	
Side discharge conveyor, right			
Width x Length (mm)		650 x 10,200	
Discharge height approx. (mm)		5,000	
Side discharge conveyor, left			
Width x Length (mm)		650 x 10,200	
Discharge height approx. (mm)		5,000	
Transfer conveyor			
Width x Length (mm)		650 x 1,800	
Oversize grain conveyor			
Width x Length (mm)		500 x 8,900	
Discharge height approx. (mm)		5,020	
Power supply unit			
Drive concept		Diesel-hydraulic	
MS 703: Deutz (Tier 3/Stage IIIA) (kW)		73	
MS 703i: Deutz (Tier 4f/Stage IV) (kW)		73	
Transport			
Transport height approx. (mm)		3,400	
Transport length approx. (mm)		16,525	
Transport width approx. (mm)		3,200	
Transport weight of basic plant - max. configuration (kg)		33,500 - 41,000	
¹⁾ with vibrating grate			



MOBISCREEN MS 703/703i EVO

The mobile screening plant MOBISCREEN MS 703 EVO is equipped with a 7 m² screen box and is used as a double-deck classifying screen. The plant is characterised by favourable transport dimensions and shut setup times. The screen plants are operated by a modern control system. All functions are thus easy to control, operating statuses and machine functions can be viewed at any time.

STANDARD EQUIPMENT

- Triple-deck classifying screen
- Hopper unit 8 m³
- Foldable tipping grid, gap width 100 mm, can be folded hydraulically (small remote control)
- Feeding conveyor, smooth belt
- Oversize grain conveyor, belt width 500 mm, discharge height max. 5,020 mm
- Side discharge conveyors, belt width 650 mm, discharge height max. 5,000 mm
- Fine grain discharge conveyor, belt width 1,200 mm, discharge height max. 4,500 mm
- Detachable, wired machine control system with the functions: crawler chassis, operation of discharge conveyors and foldable tipping grid (transport and production position), automatic mode, emergency off, moving support legs in and out, inclination adjustment for the fine grain conveyor and screen box, shifting and raising of the feeding conveyor, speed setting of hopper discharge conveyor, side discharge conveyors
- WITOS FleetView telematics system for efficient fleet and service management

OPTIONS

- Hopper unit 10 m³
- Wear lining made from wear-resistant steel (KRS) or rubber (for 8 and 10 m³)
- Vibrating slotted grate for separating feed material, gap width of upper deck 100 mm, gap width of lower deck 32 - 90 mm
- Dosing flap on hopper unit for continuous material flow
- Feeding conveyor, chevron belt made of solid rubber, prevents material from rolling back
- Material brake for feeding conveyor prevents material rolling back
- Material brake for screen prevents feed material leaping from the upper deck
- Oversize grain conveyor can be configured on the left or right, belt width 500 mm, discharge height 4,900 mm (no retrofit possible)
- Belt cover for the feeding conveyor or fine grain discharge conveyor
- External power supply - for cost-effective mains operation, switch between two energy sources possible: separate drive (diesel engine) or external power supply
- Start-Stop system (only for Tier 4f engines) for low consumption in idle phases
- Radio remote control: crawler chassis, oversize grain conveyor, slotted grate, emergency stop
- Remote control for foldable tipping grid, can be supplemented for wired remote control (omitted if plant is equipped with radio remote control)
- Line coupling for interlinking with other KLEEMANN plants
- Large selection of screen surfaces for all screens with different mesh widths
- Screen beaters for usage with sticky material
- Water spray system for dust reduction
- Lighting, halogen or LED



SPARE PARTS

Efficient operation of the machine also requires the selection of the right wear parts. The KLEEMANN original parts are optimally designed for the requirements of users and the machine. They are characterised by a long service life, excellent quality, good availability and simple assembly. With application know-how and expertise and competent advice, we help our customers to find the optimal wear part for their individual application.

APPLICATION-DEPENDENT WEAR PARTS

<p>Screen surfaces</p>		<ul style="list-style-type: none"> ☒ Screen surfaces available in different mesh shapes, wire qualities and thicknesses: <ul style="list-style-type: none"> > Square mesh > Rectangular mesh > Harp screens (G-harp, W-harp, S-harp, Varia harp)
<p>Scraper ledges</p> <p>Front scrapers</p> <p>Wedge strippers</p>		<ul style="list-style-type: none"> ☒ Wedge strippers to protect the conveyor belts ☒ Wear reduction through abrasion-proof plastic materials ☒ Precise scrapers guarantee less material loss ☒ Available for: <ul style="list-style-type: none"> > Oversize grain conveyor (no front scraper but a beating roller) > Side discharge conveyor (no front scraper but a beating roller) > Fine grain discharge conveyor > Transfer conveyor (without wedge stripper) > Feeding conveyor, smooth > Hopper discharge conveyor > Cleated belt (no front scraper but a beating roller) > Feeding conveyor, cleated belt (no front scraper but a beating roller)
<p>Conveyor belts</p>		<ul style="list-style-type: none"> ☒ Closed multi-layered conveyor belts are suitable for all requirements and increase the conveying capacity of the plants ☒ Cleated belt with full-rubber edges guarantees optimum material transport ☒ Resilient rubber intermediate links dampen impacts of different materials ☒ Smooth design or cleated belt
<p>Conveyor belt rollers</p>		<ul style="list-style-type: none"> ☒ High-quality rollers in the belt conveyors for transporting heavy material ☒ Simple on-site maintenance thanks to easily replaceable rollers ☒ Available in different versions: <ul style="list-style-type: none"> > Support roller for feeding > Lateral guide roller > Return roller

More information can be found online at www.partsandmore.net or in our Parts and more catalogue