

Technical Information

MOBISCREEN MSC 952(i) EVO

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Track-driven screening plants

Use in natural stone and recycling

MOBISCREEN MSC EVO

Series

HIGHLIGHTS

- > Classifying screening plant
- > Mobile double-deck screening unit (MSC 952(i) EVO) / triple deck screening unit (MSC 953(i) EVO)
- > Screen casing size 9.5 m²
- > Maximum feed size 100 x 160 mm

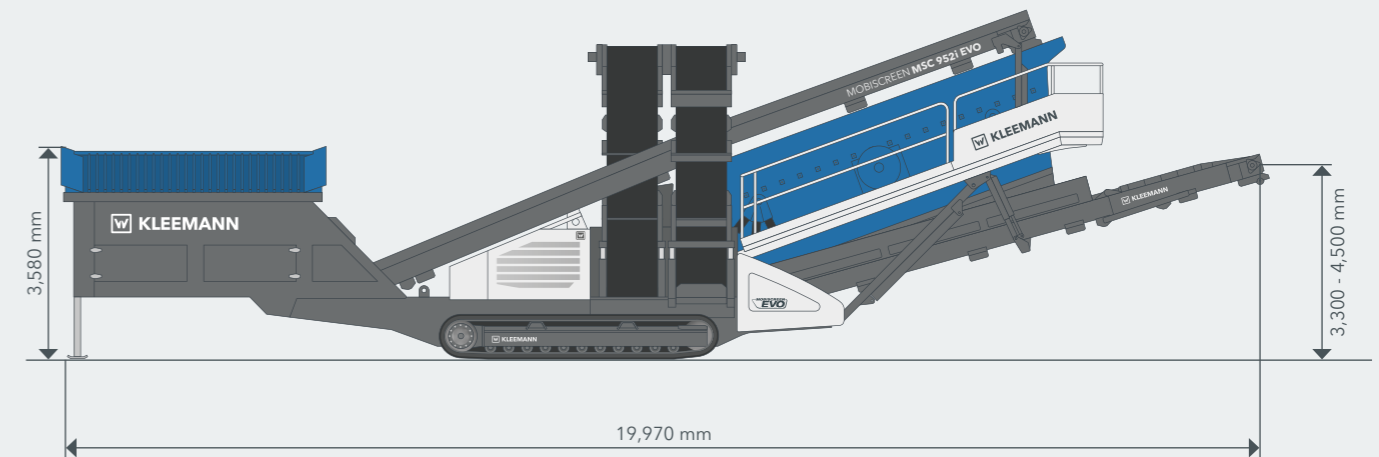
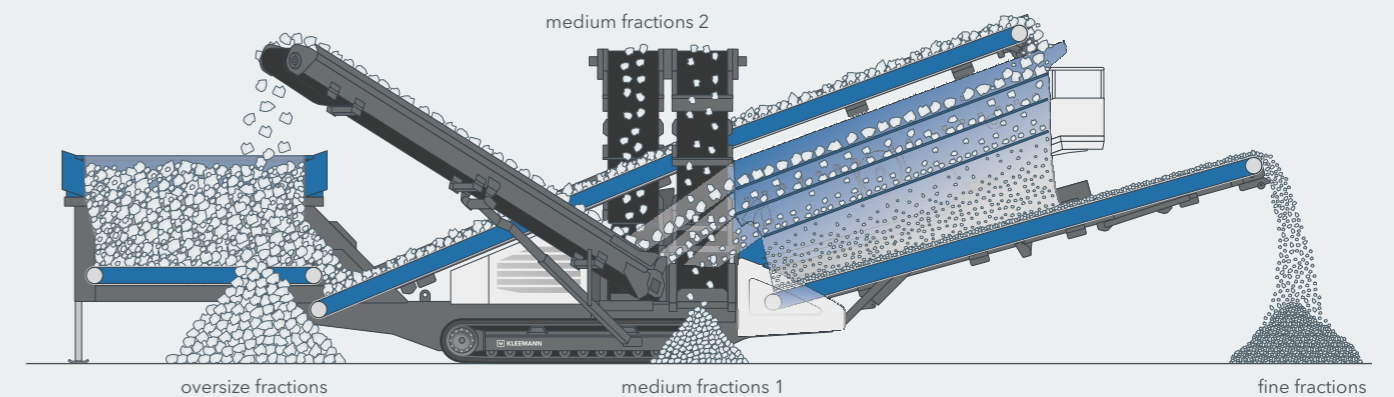
Mobile classifying screening plants MOBISCREEN MSC EVO

The mobile screening plants MOBISCREEN MSC 952(i)/953(i) EVO are equipped with a 9.5 m² screen casing. The double- or triple-deck classifying screens impress with a feed capacity of up to 500 t/h and thus meet the highest output demands.



TECHNICAL DATA	MSC 952(i) EVO	MSC 953(i) EVO
Feeding unit		
Feed capacity up to approx. (t/h)	500	500
Max. feed size (mm)	100 x 160 (350) ¹⁾	100 x 160 (350) ¹⁾
Feed height - foldable slotted grate (mm)	3,580	3,580
Hopper volume (m ³)	8	8
Hopper discharge conveyor		
Width x Length (mm)	1,200 x 3,500	1,200 x 3,500
Feeding conveyor		
Width x Length (mm)	1,200 x 12,000	1,200 x 12,000
Screening unit		
Type	Double-deck classifying screen	Triple-deck classifying screen
Width x Length (mm)	1,550 x 6,100	1,550 x 6,100
Fine grain discharge conveyor		
Width x length (extended) (mm)	1,200 x 8,100	1,200 x 8,100
Discharge height approx. (mm)	3,300 - 4,500	3,300 - 4,500
Discharge conveyor overflow lower deck (medium grain)		
Width x Length (mm)	800 x 10,200	800 x 10,200
Discharge height approx. (mm)	5,000	5,000
Discharge conveyor overflow centre deck (medium grain)		
Width x Length (mm)	-	800 x 10,200
Discharge height approx. (mm)	-	5,000
Transfer conveyor		
Width x Length (mm)	-	650 x 1,800
Discharge conveyor overflow upper deck (oversize grain)		
Width x Length (mm)	800 x 10,200	500 x 8,900
Discharge height approx. (mm)	5,000	5,020
Power supply unit		
Drive concept	diesel-hydraulic	diesel-hydraulic
Power pack manufacturer stage 3a	Deutz	Deutz
Power pack manufacturer stage V	John Deere	John Deere
Power supply unit output (kW)	87 - 99 ²⁾	87 - 99 ²⁾
Transport position dimensions		
Height approx. (mm)	3,385	3,385
Length approx. (mm)	17,960	17,960
Width approx. (mm)	3,000	3,200
Transport weight basic system - max. equipment approx. (kg)	33,000 - 40,500	37,000 - 44,500

¹⁾ with vibrating slotted grate ²⁾ depending on respective exhaust gas standard

OPERATING POSITION MSC 952(i) EVO

MATERIAL FLOW MSC 953(i) EVO


Thanks to compact transport dimensions, short set-up times and a large selection of screen surfaces, the classifying screening plants MSC EVO can be used flexibly. For efficient processing of large volumes, the design of the material flow has been optimised: starting with the feed hopper that widens in the material direction of flow, to the wide feeding conveyor and on to the generously

dimensioned screening surface. Operation is via an intuitive mobile operating device that can be inserted at three points on the machine. All functions can therefore be controlled simply from a safe distance and operating statuses and machine functions can be viewed easily at all times.

STANDARD EQUIPMENT

- > Double-deck classifying screen (MSC 952(i) EVO)
- > Triple-deck classifying screen (MSC 953(i) EVO)
- > Hopper unit 8 m³
- > Foldable slotted grate, gap width 100 mm, hydraulic folding (remote control, small)
- > Feeding conveyor, smooth belt
- > Removable, wired machine control system used for controlling all driving and movement functions, adapting settings and reading out machine data and troubleshooting aids
- > Telematics system WITOS FleetView for efficient Fleet and Service Management



Economic operation of the machine also requires choosing the correct wear parts. KLEEMANN original parts are ideally tuned

to the requirements of users and machines. Thanks to our application know-how and expert advice, we help our customers to find the optimal wear part for their individual application. Further information: parts.wirtgen-group.com

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, clear mesh size of lower deck 32 - 90 mm
- > Dosing shutter on hopper unit for continuous material flow
- > Cleated feeding conveyor prevents material from rolling back
- > Feeding conveyor roll-back protection to prevent material from rolling back
- > Screen blankets prevent feed material from jumping over from the upper deck
- > Oversize grain conveyor of the MSC 953(i) EVO can be configured on the left or right (retrofit not possible)
- > Belt cover for the feeding conveyor or fine grain discharge conveyor
- > External power supply - for efficient mains operation, possible to change between two energy sources: own propulsion (diesel engine) or external power supply
- > Start-stop system for low consumption in idle phases
- > Radio remote control: crawler chassis, automatic folding function of the slotted grate, hopper discharge conveyor On/Off and speed setting, emergency stop
- > Remote control for foldable slotted grate, in addition to cable control (omitted if plant has radio remote control)
- > Line coupling for interlinking with other KLEEMANN plants
- > Large selection of screen surfaces for all decks with different clear mesh sizes
- > Straps with screen beaters for use with sticky material
- > Water spray system for dust reduction
- > LED lighting

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