

Technical information

MOBISCREEN MSC 952 EVO

MOBISCREEN MSC 953 EVO



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 EVO)/
triple deck screening unit (MSC 953 EVO)
- > Screen casing size 102 ft²
- > H-DRIVE diesel-hydraulic drive
- > Maximum feed size 7" x 4" x 3"

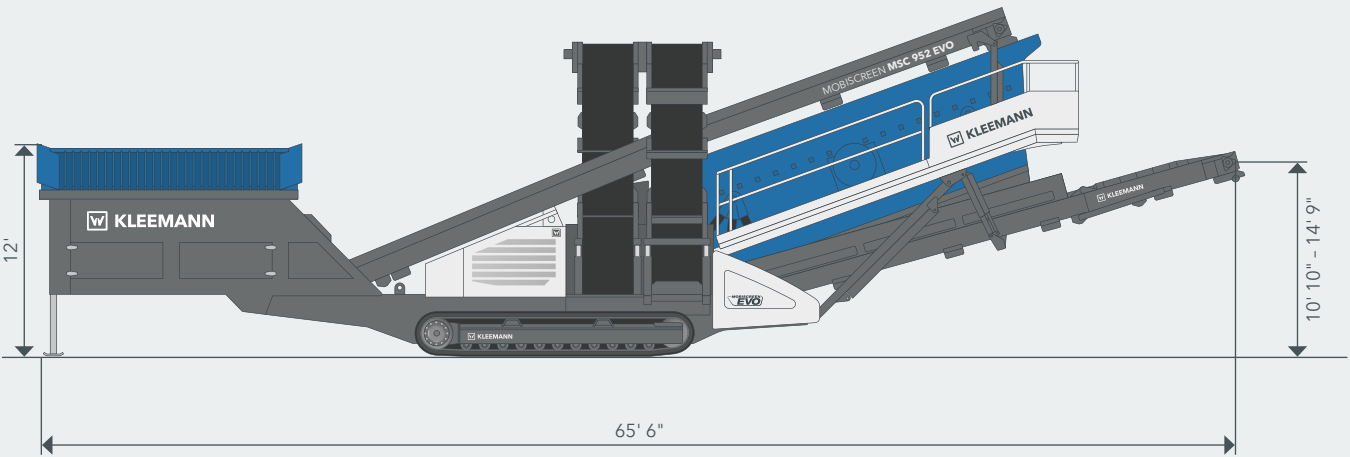
Mobile classifying screening plants MOBISCREEN MSC EVO

The mobile screening plants MOBISCREEN MSC 952/953 EVO are equipped with a 102 ft² screen casing. The double- or triple-deck classifying screens impress with a feed capacity of up to 551 US t/h and thus meet the highest output demands.

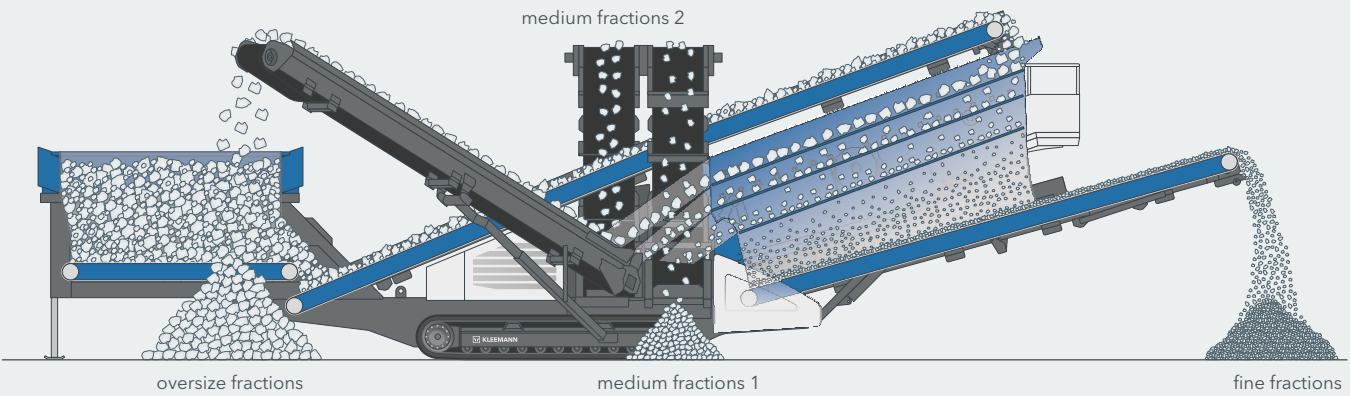


TECHNICAL DATA - US SPEC	MSC 952 EVO	MSC 953 EVO
Feeding unit		
Feed capacity up to approx. (US t/h)	551	551
Max. feed size	7" x 4" x 3"	7" x 4" x 3"
Feed height - foldable slotted grate	11' 9"	11' 9"
Hopper volume (yd³)	10.5	10.5
Hopper discharge conveyor		
Width x Length	48" x 11' 6"	48" x 11' 6"
Feeding conveyor		
Width x Length	48" x 39' 4"	48" x 39' 4"
Screening unit		
Type	Double-deck classifying screen	Triple-deck classifying screen
Width x Length	5' 1" x 20'	5' 1" x 20'
Fine grain discharge conveyor		
Width x length (extended)	48" x 26' 7"	48" x 26' 7"
Discharge height approx.	10' 10" - 14' 9"	10' 10" - 14' 9"
Discharge conveyor overflow lower deck (medium grain)		
Width x Length	32" x 33' 6"	32" x 33' 6"
Discharge height approx.	16' 5"	16' 5"
Discharge conveyor overflow centre deck (medium grain)		
Width x Length	-	32" x 33' 6"
Discharge height approx.	-	16' 5"
Transfer conveyor		
Width x Length	-	2' 2" x 5' 11"
Discharge conveyor overflow upper deck (oversize grain)		
Width x Length	32" x 33' 6"	20" x 29' 2"
Discharge height approx.	16' 5"	16' 6"
Power supply unit		
Drive concept	diesel-hydraulic	diesel-hydraulic
Power pack manufacturer (Tier 4f/stage IV)	John Deere	John Deere
Power supply unit output (hp)	131	131
Transport position dimensions		
Height approx.	11' 1"	11' 1"
Length approx.	58' 11"	58' 11"
Width approx.	9' 10"	10' 6"
Transport weight basic system - max. equipment approx. (lbs)	77,100 - 87,750	85,500 - 96,150

OPERATING POSITION MSC 952 EVO



MATERIAL FLOW MSC 953 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 optimized: 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 EVO),
Triple-deck classifying screen (MSC 953 EVO)
- > Hopper unit 10.5 yd³
- > Foldable slotted grate, gap width 4", hydraulic folding
(remote control, small)
- > Feeding conveyor, smooth belt with flat scraper
- > Dosing flap on hopper unit for continuous material flow
- > Feeding conveyor anti-rollback device prevents the material from
rolling back when there is a low or no fine and medium grain
content
- > Screen blankets prevent feed material from jumping over from the
upper deck
- > Removable, wired machine control system used for controlling all
driving and movement functions, adapting settings and reading out
machine data and troubleshooting aids
- > John Deere Operations Center™: platform for digital solutions
for optimizing processes, machines and services - and to simplify
maintenance planning
- > Standard-compliant lighting concept for illuminating the work
platforms and the chain drives when in motion

OPTIONS

- > SPECTIVE CONNECT displays all important machine information
along with the current status of material stockpiles (stockpile
monitoring) directly on your smartphone
- > Hopper unit 13 yd³
- > Vibrating slotted grate, middle gap width in the upper deck: 4.3",
lower deck optionally covered with square mesh
- > Cleated feeding conveyor prevents the feed material from rolling
back when there is a low or no fine and medium grain content

OPTIONS

- > An additional head scraper is mounted on the feeding conveyor
(if no chevron is installed)
- > Oversize grain conveyor of the MSC 953 EVO can be configured on
the left or right (retrofit not possible)
- > An overbelt magnetic separator reliably extracts magnetic
components from the feed material
- > 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,
also available as wireless version
- > Large selection of screen media for all decks with different clear
mesh sizes
- > Anti-clogging ropes for use with sticky material
- > Water spray system for dust reduction
- > Raised engine air intake reduces dust
- > Dust seal between feeding conveyor and screen box reduces
dust emissions and improves protection against flying rock on the
upper deck
- > Premium lighting for extended illumination of the material flow
(transfer points and stockpiles)
- > Storage compartment for tools and spare parts
(cannot be combined with external power feed)
- > Breakaway cords on all relevant conveyor belts
- > Additional hydraulic connection for operating a stockpile belt

WIRTGEN AMERICA

6030 Dana Way
Antioch, TN 37013
USA

T: +1 615 501 0600
M: info.america@wirtgen-group.com

> www.wirtgen-group.com/america

