

Technical Information

MOBISCREEN MSS 802(i) EVO



Track-mounted screening plant

For use in natural stone and recycling

MOBISCREEN MSS EVO

Series

HIGHLIGHTS

- > Screen for coarse elements
- > Mobile double-deck screening unit
- > Diesel-hydraulic drive
- > Maximum feed size 800 x 500 x 300 mm



MOBISCREEN MSS 802(i) EVO mobile screen for coarse elements

The MOBISCREEN MSS 802(i) EVO mobile screening plant is designed for coarse screening in natural stone and recycling. The comprehensive range of screen media and easy setting of the parameters enable the screening plant to be easily

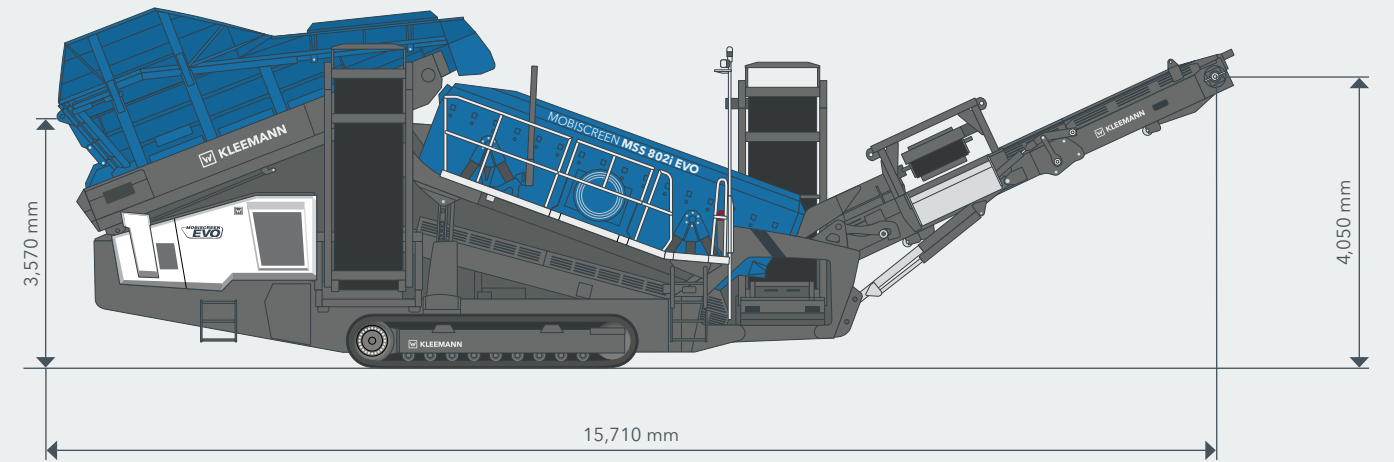
adapted to new operating conditions. The operation of the MSS 802(i) EVO is conveniently carried out via a modern control system. Thanks to good accessibility, maintenance work can be performed comfortably.

TECHNICAL DATA MSS 802(i) EVO	
Feeding unit	
Feed capacity up to approx. (t/h)	500
Max. feed size (mm)	800 x 500 x 300
Feed height approx. (mm)	3,570 (2,830 ¹⁾)
Hopper capacity (m ³)	9.1
Hopper discharge conveyor	
Width x Length (mm)	1,400 x 4,500
Type (optional)	variable speed
Screening unit	
Type	double deck screen for coarse elements
Top deck width x length (mm)	1,550 x 4,880
Bottom deck width x length (mm)	1,550 x 4,500
Fine grain conveyor	
Width x Length (mm)	1,200 x 4,380
Discharge conveyor for fine grain	
Width x length (mm)	900 x 7,760
Discharge height approx. (mm)	2,960 - 3,980 (4,400 ²⁾)
Discharge conveyor for medium grain	
Width x Length (mm)	900 x 7,760
Discharge height approx. (mm)	2,310 - 3,630 (4,060 ²⁾)
Discharge conveyor for oversize grain	
Width x Length (mm)	1,400 x 6,065
Discharge height approx. (mm)	2,650 - 4,050 (4,675 ²⁾)
Power supply unit	
Drive concept	diesel-hydraulic
Power pack manufacturer stage 3a	Deutz
Power pack manufacturer stage V	John Deere
Power supply unit output (kW)	98 - 99
Transport position dimensions	
Height approx. (mm)	3,400
Length approx. (extended) (mm)	15,840 (16,780)
Width approx. (mm)	3,000
Transport weight basic system - max. equipment approx. (kg)	30,000 - 38,500

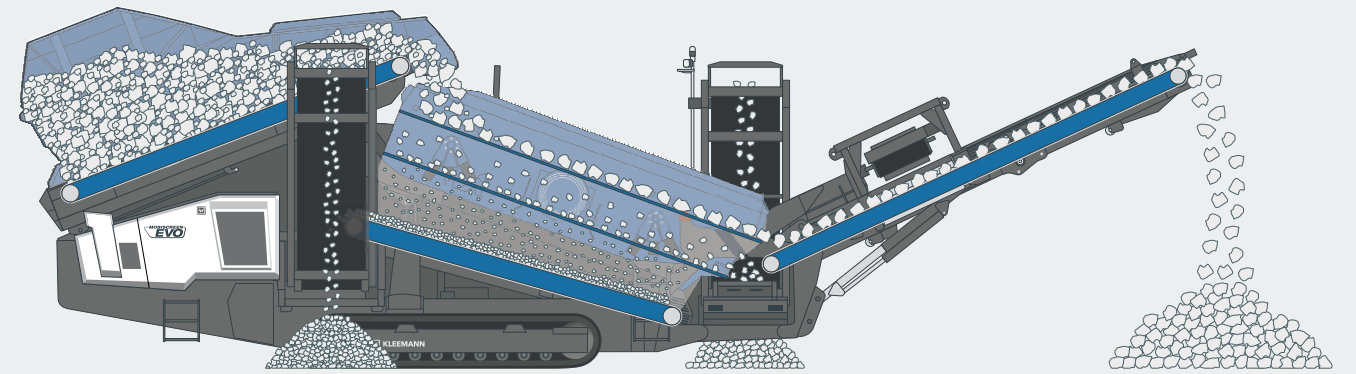
¹⁾ Height with folded-in hopper rear wall

²⁾ max. discharge height with long discharge conveyor (optional)

OPERATING POSITION



MATERIAL FLOW



With its proportionally controlled chassis, the coarse screening plant can be moved quickly and precisely, whether from the low-loader to the application site or within the construction site. The side discharge belts can be folded without the need to assemble or disassemble any components, thereby reducing set-up times. More versatility is achieved thanks to a rear hopper wall that

can be folded up the rear wall of the hopper, which makes it possible to feed crushers with a low discharge height. Furthermore, the plant can be easily and quickly converted from 3-way to 2-way grit. With the MSS 802(i) EVO, either three or two final grit sizes can be produced and discharged.

STANDARD EQUIPMENT

- > Double-deck screening unit
- > Hopper unit 9.1 m³
- > Feeding conveyor, smooth belt
- > Side discharge conveyor, belt width 900 mm, discharge height max. 3,630 mm/3,980 mm
- > Main discharge conveyor, belt width 1,400 mm, discharge height max. 4,050 mm
- > Simple conversion from 3 to 2 final grain sizes possible (depending on configuration, counterweights may be required)
- > Removable, wired machine control system used for controlling all driving and movement functions, adapting settings and reading out machine data and troubleshooting aids
- > WITOS FleetView telematics system ensures efficient fleet and service management
- > Pre-installed water spray system reduces dust
- > Lighting concept in compliance with standards for lighting work platforms, the operator's position and crawler carrier chains in driving operation

OPTIONS

- > Individually foldable hopper filling aids for rear and side loading: width of feed opening 3,960 mm, wired remote control, foldable and lockable
- > Wear lining made of wear-resistant steel (KRS) or rubber
- > Apron feeder for feeding very coarse material
- > Side discharge conveyors with different designs: with magnetic drum and ejector chute, telescopic design (discharge heights 4,060 mm/4,400 mm), mirror-image configuration
- > Screen blanket or chain curtain reduces the speed of the feed material
- > Release cords on conveyor belts for safe stopping in the event of an emergency
- > Permanent magnetic separator above the crusher discharge conveyor
- > Diesel refuelling pump: hose system incl. pump
- > External power supply - for efficient mains operation, possibility to change between two energy sources: own propulsion (diesel engine) or external power supply
- > Radio remote control: crawler chassis, hopper discharge conveyor ON/OFF and speed setting, emergency stop
- > Line coupling for linking with other KLEEMANN plants
- > Large selection of screen media for all decks, individual configuration option for the individual screen segments
- > Straps with knocking elements for use with sticky material
- > Extended crusher discharge conveyor, discharge height max. 4,675 mm
- > Electric water pump for autonomous supply of the spray system
- > Premium lighting for extended illumination of the material flow (transfer points and stockpiles)



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

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