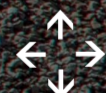


MOBISCREEN MSS 802(i) EVO



Flexibility at its best



Changing work locations and new applications often create challenges for screening plants. The MOBISCREEN MSS 802(i) EVO mobile screen for coarse elements is ideally prepared for this. The large range of screen surfaces and simple setting of screen parameters enable the adaptation of the MSS 802(i) EVO easily to new application conditions. If a fine final product is to be screened from particularly coarse feed material, the plant can be quickly converted from three to two final grain sizes.

Operability at its most intuitive



Intuitive plant control reduces the risk of operating errors and saves learning time. Additionally, all relevant functions can be operated from a safe distance, increasing work safety. Users can therefore exploit the full plant potential while increasing yield.

Ergonomics at a glance



Regularly scheduled maintenance tasks guarantee machine availability. The ease of physical and visual access to all service components and intelligent cleaning solutions contribute to minimising downtimes during maintenance.

TECHNICAL INFORMATION		MSS 802(i) EVO
Type	Scalping screen	2
Screen decks		
Screening surface (mm)	1,550 x 4,880	
Feed capacity up to approx. (t/h)	500	
Max. feed size (mm)	800 x 500 x 300	
Transport height approx. (mm) *	3,400	
Transport length approx. (mm) *	15,840	
Transport width approx. (mm) *	3,000	
Transport weight of basic plant - max. configuration (kg)	30,000 - 38,500	

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> TECHNICAL HIGHLIGHTS

MOBISCREEN MSS 802(i) EVO



1 Feed hopper

- > Filling aids⁺ that can be folded independently from one another for simple wheel loader feeding from different sides
- > Hopper rear wall can be folded at three heights for optimum material transfer even at a low feed height
- > Apron feeder⁺ for use with particularly coarse material
- > Moving the feeding unit and folding the filling aids can be carried out safely and conveniently from the ground

2 Control system

- > Simple operating concept reduces the risk of operating errors
- > Radio remote control⁺ enables safe operation from a distance
- > Better planning and analysis of the plant thanks to the WITOS FleetView telematics solution
- > Automatic start for easy and fast start of production

3 Drive

- > Well-thought-out hydraulics concept for efficient power transmission and reduced operating costs
- > Flexible refuelling from both sides
- > Ease of physical and visual access to all components relevant to maintenance
- > Local emission-free operation and lower operating costs possible with electro-hydraulic Dual Power⁺ operation



Basic hopper 9.1 m³

Screening surface 7.5 m²

4 Screen

- > Large selection of screen surfaces for application flexibility
- > Screen segments can be replaced quickly and easily, reducing set-up times and manpower requirements
- > Screen casing angle with a wide adjustment range for optimisation of the screening capacity combined with high product quality

> Material flow

- > Optimised material guidance with wide main discharge conveyor for higher production output
- > Speed of all conveyor belts can be adjusted steplessly
- > Magnetic separator⁺ and magnetic drum⁺ protect downstream crushers and increase material quality
- > Generous material transfer to the screen deck for ideal usage of the screening surface
- > High discharge heights and therefore higher stockpiles through extended⁺ main discharge conveyor and telescopic side discharge conveyor⁺
- > Line coupling⁺ allows process and safety-related technical coupling with all KLEEMANN EVO and PRO plants for an optimised material flow and enhanced safety throughout the entire plant train
- > The stockpile probe⁺ required for the process coupling can be placed on any of the plant's discharge conveyors for more application flexibility

> Safety & ergonomics

- > Quick and convenient servicing possible due to very good accessibility to all maintenance-related components
- > Standard series LED lighting for all areas of the plant relevant to safety. Premium lighting⁺ provides the best possible illumination of the material flow and the transfer points for efficient operation even in darkness.
- > Catch plate can be moved out to enable simple and fast cleaning of the hopper discharge conveyor under-size
- > Extended, extra-wide work platforms and horizontally adjustable screen casing enable ergonomic access to all screen decks

> Transport & set-up

- > Folding of the side discharge conveyors without the disassembly of parts reduces set-up times and the risk of damage
- > Precise loading and positioning of the plant thanks to stepless drive control
- > Simple conversion from 3 to 2 final grain sizes increases application flexibility

> Environment

- > Integrated spray system and water pump⁺ for reduced dust development