



1 Large **feed hopper** for high flexibility when organising setup, two different sizes available

2 Extra-wide **feeding conveyor**

3 7 or 9.5 m² screening surface and adjustable **screening angle**

4 Easy-to-use control system via mobile **control panel**



6 Jerk-free **movement**, simple **transportation**

5 Powerful and efficient **drive unit** with option for external power supply

A Safety and ergonomics: Thanks to straightforward machine design

B Interlinking: Easy to combine with KLEEMANN crushing plants

C Environment: Solutions for environmentally friendly operation

MOBISCREEN
EVO



The new MOBISCREEN EVO screening plants stand out from the rest thanks to their flexibility, excellent transport properties, fast setup times and efficient operation – which all, of course, come with the best performance data.



MOBISCREEN EVO

MOBILE SCREENING PLANTS MS 702 | 703 | 952 | 953 EVO

TECHNICAL INFORMATION			
Type	MS 702 EVO	MS 703 EVO	MS 953 EVO
Screen decks			
Classifying screen	2	3	3
Screening surface (mm)	1.550 x 4.500	1.550 x 4.500	1.550 x 6.100
Transport weight of basic plant - max. configuration (kg)	30.500-38.000	33.500-41.000	37.000-44.500

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01 Feed hopper

- ❑ Feed hopper with large capacity for loading with wheel loader
- ❑ Simple material flow thanks to increasing hopper width
- ❑ Dosing flap⁺ on the hopper unit, which is either lockable or can be adjusted using weights, ensures continual material flow
- ❑ Hopper lining⁺ available in wear-resistant steel or rubber



Large feed hopper with folding grate



Efficient vibration grate⁺ screen surface in lower deck available in various mesh widths

02 Feeding

- ❑ Efficient screening surface usage thanks to extra-wide feeding conveyor as a smooth or cleated belt



Extra-wide feeding conveyor

- ❑ Robust impact plate distributes material evenly on the screening surface and protects the screen cover against wear
- ❑ The movable feeding conveyor allows optimal loading via the impact plate at different screen box angles and for different material compositions
- ❑ Adjustable material brakes⁺ or belt cover⁺ over the feeding conveyor and screen upper deck for uniform material transport



Impact plate and wear plate

03 Screen

- ❑ Screen angle can be adapted to material properties to increase productivity or accuracy of classification
- ❑ Two plant sizes with screening surfaces of 7 or 9.5 m² for maximum performance demands



Plant with 2 or 3 decks

- ❑ The screening surface is easy to change thanks to good accessibility from all sides and wedge clamping device



Ladder with all-round working platform

- ❑ Each plant size available in a double- or triple-deck version for additional classification
- ❑ Reduction in dust exposure thanks to belt cover⁺ and water system⁺ on the fine grain discharge conveyor



Screening surface of 7 or 9.5 m²

- ❑ The oversize grain conveyor⁺ can be flexibly configured on the left or right (cannot subsequently be changed)
- ❑ Large selection of screen surfaces⁺ for all decks with various mesh widths; beater cords⁺ for use with sticky material

04 Control system

- ❑ Intuitive and easy-to-use control system via mobile control panel



Mobile control panel

- ❑ Increased working and operating safety thanks to the ability to plug the control panel in at three different points, providing optimal visibility of the functions carried out
- ❑ Radio remote control⁺ for comfortably controlling the driving function and foldable tipping grid
- ❑ Automatic start for easy commissioning



Radio remote control⁺

05 Drive

- ❑ Powerful and efficient drive unit for high performance with low fuel consumption, option for external power supply⁺
- ❑ Engine available in the exhaust emissions standards Tier 3/Stage IIIA and Tier 4f/Stage IV
- ❑ Excellent accessibility of service components for simple maintenance



Efficient drive unit



Access to drive unit and service components

06 Transport

- ❑ Space-saving transport position and ample ground clearance for simple transportation
- ❑ Quick, jerk-free movement thanks to proportionally controlled hydraulic valves
- ❑ The side discharge conveyors fold out quickly and easily to enable short setup times



Transport position



Ground clearance

A Safety and ergonomics

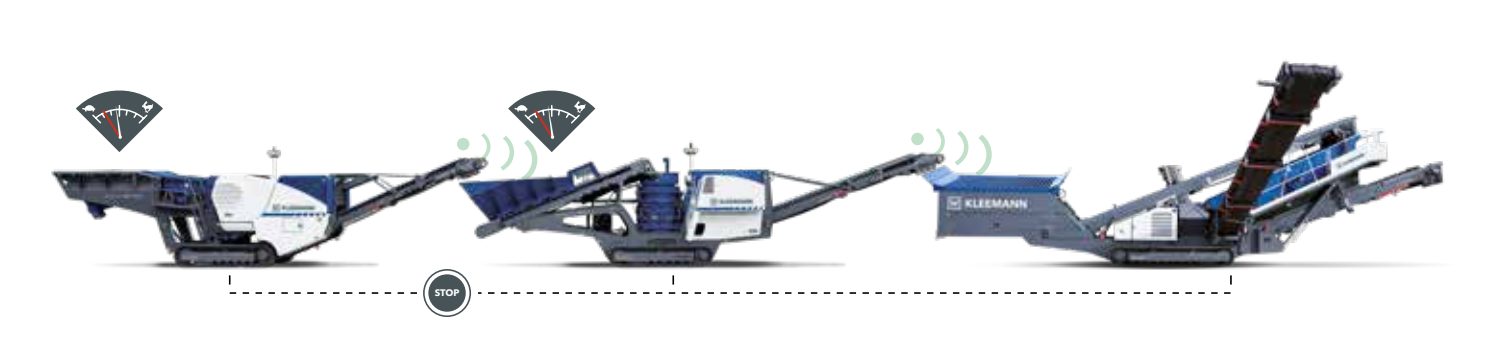
- ❑ Servicing is quick and comfortable thanks to ease of physical and visual access to all components
- ❑ All function- and safety-related hydraulic cylinders are equipped with safety valves (lowering/brake holding valves); each cylinder remains in its current position in the event of shutdown or malfunctioning
- ❑ Contact protection at various critical points on the machine
- ❑ Spraying⁺, LED and halogen lighting⁺ available



Excellent accessibility

B Interlinking

- ❑ Easy to interlink with other KLEEMANN plants
- ❑ Intelligent material flow control using line coupling and CFS for crushing plants; screening plant is always optimally loaded
- ❑ Connected safely using cables - all machines come to a safe halt when any of the emergency stops is pressed

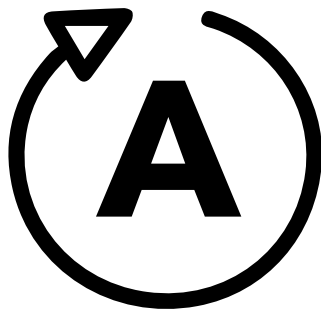


C Environment

- ❑ Low fuel consumption thanks to latest generation engine: MS 95x diesel consumption at 14 l/h*, MS 70x diesel consumption at 10 l/h*

Start-stop system⁺ (for Tier 4f engines only) for low consumption in idle phases

- ❑ Probe detects if no material is supplied over a defined period
- ❑ The speed of the engine and consequently the plant's consumption are reduced, along with the wear (engine, belts, support rollers)
- ❑ If the material starts being supplied again, the plant is restarted and enters production mode
- ❑ Automatic operation ends if no material is subsequently conveyed for a defined period, with the option to switch off the engine as well



Start-stop system⁺

* Depends on the application, loading and tonnage

⁺Option