



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

2 Extra-wide **feeding conveyor**

3 8.4 or 11.4 yd<sup>2</sup> screening surface and adjustable **screening angle**

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



6 Smooth **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 Inter-link:** 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

MOBISCREEN EVO

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

TECHNICAL INFORMATION			
Type	MS 702i EVO	MS 703i EVO	MS 952i EVO
Screening surface (inch)	5'11" x 14'9"	5'11" x 14'9"	5'11" x 20'
Transport weight of basic plant - max. configuration (lbs)	67,250 - 83,800	73,900 - 90,400	81,600 - 98,100
Screen decks	2	3	3
Classifying screen	2	2	3

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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<sup>+</sup> on the hopper unit, which is either lockable or can be adjusted using weights, ensures continual material flow
- Hopper lining<sup>+</sup> available in wear-resistant steel or rubber



Large feed hopper with folding grate



Efficient vibration grate<sup>+</sup> screen surface in lower deck available in various machine widths

## 02 Task

- 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<sup>+</sup> over the feeding conveyor and screen upper deck for uniform material transport



Impact plate and wear plate

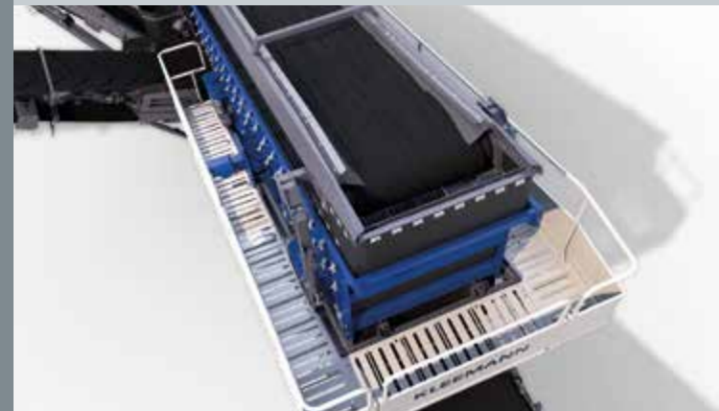
## 03 Screen

- Screen angle can be adapted to material properties to increase productivity or accuracy of classification
- Two plant sizes with screen areas of 8.4 or 11.4 yd<sup>2</sup> 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<sup>+</sup> and water system<sup>+</sup> on the fine grain discharge conveyor



Screening surface of 7 or 9.5 m<sup>2</sup>

- The oversize grain conveyor<sup>+</sup> can be flexibly configured on the left or right (cannot subsequently be changed)
- Large selection of screening surfaces<sup>+</sup> for all decks with various machine widths; anti-clogging ropes<sup>+</sup> 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<sup>+</sup> for comfortably controlling the driving function and folding grate
- Automatic start for easy commissioning



Radio remote control<sup>+</sup>

## 05 Drive

- Powerful and efficient drive unit for high performance with low fuel consumption, option for external power supply<sup>+</sup>
- 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
- Smooth, jolt-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

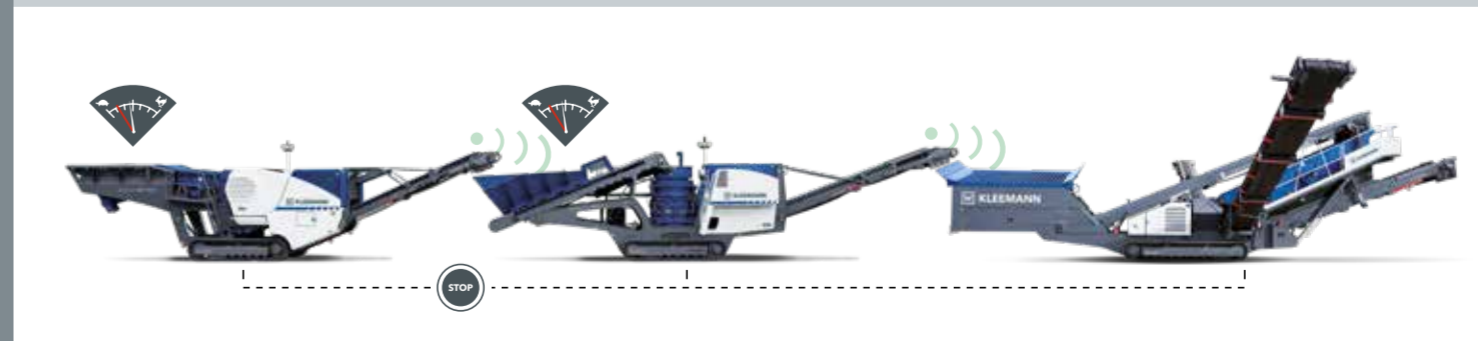
- Servicing is quick and comfortable thanks to ease of physical and visual access to all components
- All function- and safety-related hydraulic cylinders are equipped with safety valves (lowering/brake holding valves); each cylinder remains in its current position in the event of shutdown or malfunctioning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



Excellent accessibility

## B Interlinking

- Easy to inter-link 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

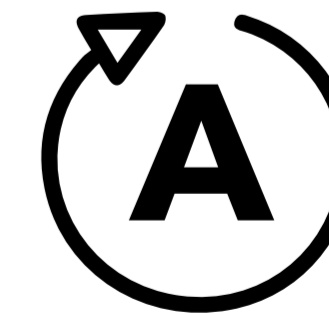


## C Environment

- 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<sup>+</sup> 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<sup>+</sup>

\* Depends on the application, loading and tonnage

<sup>+</sup>Option