

New mobile screening plants MOBISCREEN EVO from Kleemann

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With the mobile screening plants MOBISCREEN EVO, Kleemann is extending its EVO series by four classifying screens. Just as the crushing plants, the MOBISCREEN EVO series impresses with its excellent transport properties, flexible application options and high performance.

Kleemann is extending the EVO series by a total of four new classifying screens: the track-driven double-deck classifying screens MS 702 EVO and MS 952 EVO as well as the triple-deck classifying screens MS 703 EVO and MS 953 EVO. The upper deck on both plant sizes has a screening surface area of 7 m² or 9.5 m². As with the crushing plants, the favourable transport dimensions and short setup times of the classifying screens meet the demands of contractor crushers. The MS 702/703 EVO achieves a maximum output of 350 t/h and the MS 952/953 EVO an hourly output of up to 500 tons. This high output is achieved, above all, thanks to the good material stream through the plant. This starts with the infeed which, thanks to the generously-sized feed hopper, is possible by means of a wheel loader or an upstream crushing plant. The material is conveyed to the screen casing on the extra-wide feeding conveyor of 1,200 mm. Its screening angle can be adapted to the application. An impact plate on the conveyor discharge spreads the material evenly on the screen surface. Wear is thus kept to a minimum and a high throughput is guaranteed.

With the MOBISCREEN EVO screening plants, Kleemann also places an emphasis on the subject of safety. Operation of the screening plant is via a mobile control panel that can be attached at three different points on the plant. This guarantees the best viewing positions of the executed plant functions. All plant functions are started automatically – without each side discharge conveyor having to be activated individually. Data on machine operation can also be read off at the control panel. Plant movement is without jolts thanks to proportionally activated hydraulic valves. The plants operate particularly efficiently and produce a high output when interlinked with crushing plants of the EVO series, whose size and output are tuned to the EVO screening plants. A further bonus for safe plant operation is the emergency-off function, which, in the case of an interlinked combination of plants, works across all screening and crushing stages.

The large engine compartment facilitates maintenance and other service components are easily accessible via the all-round work platform. Thanks to the easily accessible screen decks, screen surface changing is simpler for the user. The fine grain conveyor, for example, can be lowered to permit access to the lower screen surface. From a large number of surfaces, Kleemann can always find the suitable surface for each

application.

Source: KLEEMANN GmbH