**Kleemann** | **Mobile Screen for Coarse Elements MOBISCREEN MSS 802(i) EVO**

**More flexibility and efficient on site**

**The new MOBISCREEN MSS 802(i) EVO offers users a mobile, efficient screening plant that was designed to meet changing challenges in different application areas. With its well-thought-out plant design and flexible conversion options, Kleemann demonstrates how a high material flow can be guaranteed in natural stone and recycling applications.**

**Screening made easy**

With the development of the MOBISCREEN MSS 802(i) EVO, a new generation of screening plants and successor of the MS 15 Z, Kleemann consciously places the focus on the user perspective. The technology behind the screening process must be easy and safe to use for all users. The new plant impresses not only with technological highlights in the process sequence, but also through its ergonomic design, optimised operation and the user-friendly maintenance concept.

**Improved mobility and flexibility in application**

With its proportionally controlled running gear, the plant can be quickly relocated either by a low-loader to the job site or within the building site. Apart from other improvements of the new MSS 802(i) EVO, folding of the side discharge conveyors without the need for disassembly clearly reduces set-up times. Increased application variability is provided by a hopper rear wall that can be folded to three heights, which permits feeding of crushing plants with a lower discharge height. The large offer of screen surfaces and simple adjustment of the screen parameters, which make rapid adaptation of the MSS 802(i) EVO to a very wide range of feed materials possible, reduce set-up times and thus personnel requirements and costs. The screen casing angle with a wide adjustment range from 15.4 – 20° makes optimisation of the screening capacity possible. **Special highlight: the simple and fast conversion from 3- to 2-way grit.** The MSS 802(i) EVO can therefore be used to produce and discharge two or three final grain sizes and the conversion is fast and simple.

**Operability and ergonomics for more comfort and safety**

An intuitive plant control with automatic start reduces the risk of operating errors and saves learning times. All relevant functions can be operated from a safe distance, which offers high work safety. Further user-friendly aspects include very good access options and intelligent cleaning solutions, which minimise downtimes caused by maintenance. With all of these solutions, Kleemann placed the focus on the typical workday of users. This also applies to the standard series LED lighting, the optionally available extended premium lighting of work areas or the generously proportioned work platforms.

**Efficient and precise process sequences for optimum material flow**

An optimised material flow is a central aspect of all screening plants. Only if all components are tuned to one another can high productivity with minimised operating costs be achieved. With its new mobile screen for coarse elements, Kleemann demonstrates what screening plants of the latest generation can achieve. This includes a wide crusher discharge conveyor on which, like all of the other conveyors, the speed can be steplessly adjusted, as well as a large material transfer system to the screen deck for optimum utilisation of the screening surfaces. High discharge heights and thus higher stockpiles thanks to the optionally available extended crusher discharge conveyor and telescopic side discharge conveyors guarantee ideal processes on the building site.

It goes without saying that the new MOBISCREEN MSS 802(i) EVO can be operated through line coupling with all EVO and PRO crushing plants integrated in the process and safety system. Special application flexibility is provided by the stockpile probe required for the process coupling, which can be placed on any discharge conveyor of the plant.

Photos:

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|  | **KL\_MOBISCREEN\_MSS\_802\_EVO**  The MSS 802(i) EVO impresses with a feed capacity of up to 500 t/h in natural stone and in recycling. |

*Note:* *This photo only serves as a preview. For printing in the publications, please use the photo in 300 dpi resolution which is available for downloading on the web pages of Wirtgen Group.*

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