Kleemann │ First practical application of MOBISCREEN MSS 802i EVO in Germany

Since 2021, the new screen for coarse elements from Kleemann has been processing a large number of different materials in Neumünster. Flexibility is required. Whereas sand and fine-grained material are found in the gravel quarry, the screening of rubble and railroad ballast is required in recycling applications. The plant is even used for the processing of topsoil, which is often highly cohesive.

Multi-talented for a wide range of applications

The MOBISCREEN MSS  802i EVO can deal with stone material ranging from very fine to very coarse and with all degrees of contamination and is thus capable of meeting all challenges.

Example of gravel extraction: "Here, we have to deal with a lot of sand and a relatively small proportion of stone. This means that the side discharge conveyor for fine grain has a real tough job. Other screening plants would soon reach their limits. This is no problem for our new machine!", André Krebs, Proprietor of Ernst Krebs GmbH & Co. KG, gladly reports about the MSS  802i EVO. It is also an advantage that their screen casing can be adjusted over 20 percent steeper than comparable plants. This guarantees a great cutting effect for the separation of fine material such as sand and a significantly higher output.

Flexibility from loading to screen change

The large feed hopper also contributes to flexibility. The hopper rear wall and the filling aids can be folded variably so that loading from different heights, from both sides and from the rear is possible. The screen media change is comparatively easy even in the lower deck because the screen casing can be placed completely in horizontal position. The screening parameters can be adjusted precisely and even conversion, for example from three to two final grain sizes, is uncomplicated.

Transport from one work site to another is also fast: The discharge conveyors can be folded in – without the disassembly of parts. Thanks to the stepless driving control, the plant can also be moved precisely into position.

Focus on employee safety

The display can be operated intuitively and guarantees safety. With the MSS 802i EVO from Kleemann, all relevant functions can be operated from a safe distance. The display can also be plugged in at different points on the machine. The user is therefore always near the function currently being executed. The difficult operation of levers arranged remotely from the component to be folded is a thing of the past. Operation during set-up and service is also simplified.

**Users benefit from practical solutions**

"It's simply obvious here that Development once again looked exactly at what makes work more effective in practice. Everything is so much quicker, set-up times are shorter and output is higher. This pays off at the end of the day", adds André Krebs.

**Facts and figures on operation at the site:**

**Feeding data**

Material: sand, gravel, rubble, railroad ballast

Size: 0 – 500 mm

**Final products**

Sand: 0 – 2 mm, 2 – 32 mm, 0 – 5 mm, 5 – 32 mm

Railroad ballast: 0 – 10 mm, 10 – 45 mm

Rubble: 0 – 32 mm, 0 – 45 mm

**Photos:**



KL\_MSS 802i EVO\_Krebs

With the well thought-out design of the mobile screen for coarse elements MOBISCREEN MSS  802i EVO, the best possible material flow in natural stone and recycling applications can be guaranteed.



KL\_MSS 802i EVO\_Krebs\_1

The MSS  802i EVO was designed for changing challenges in different application areas.

Note: These photos only provide a preview. For printing in the publications, please use the photos in 300 dpi resolution which are available in the added download.

Further information is available from:

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