



Kleemann crushing and screening plants in the Istanbul Financial Centre.

IMAGE SOURCE: WIRTGEN GROUP

Impact crusher and screening plant impress in the Istanbul Financial Centre (IFC)

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- The MOBIREX MR 130i EVO2 impact crusher and MOBISCREEN MSS 802i EVO scalping screen are being used in the Istanbul Financial Centre for concrete production and road substructures.
- The two Kleemann plants will process approximately a million tons of excavated material over 1.5 years, adapting to varying weather conditions.
- In wet conditions, the MSS 802i EVO screens and prepares material for the MR 130i EVO2, while in dry conditions, material is fed directly to the impact crusher.

- The combination of these machines achieves an hourly output of 200 to 300 tons with a consumption of 24 litres, producing high-quality cubic material.
- The efficiency of the setup lowers operating costs, as only one machine needs refueling in dry conditions, and the MSS 802i EVO can be used for other tasks.
- The intuitive SPECTIVE operating concept and ergonomic design of the Kleemann impact crusher facilitate easy handling and maintenance, enhancing overall efficiency.

MOBIREX MR 130i EVO2 and MOBISCREEN MSS 802i EVO in urban operation

Using the mobile impact crusher MOBIREX MR 130i EVO2 and mobile scalping screen MOBISCREEN MSS 802i EVO, material is being produced for concrete production and road substructures in the centre of Istanbul.

The two **Kleemann** plants will be in operation here for around 1.5 years and will process approximately a million tons of excavated material on a building site. At this location, in the middle of a dense development, flexibility is required, both in view of the special surroundings and the material. The excavated material is processed directly on site with the two Kleemann plants and some of it is combined with other materials.



Plant train consisting of MOBIREX MR 130i EVO2 and MOBISCREEN MSS 802i EVO during material processing for concrete production and road substructures.

IMAGE SOURCE: WIRTGEN GROUP

Adapting to changing conditions

Depending on the weather, the 0-500/600 mm feed material is at times wet and muddy, at other times dusty and dry. The solution for these changing conditions: In wet weather, the MOBIREX MR 130i EVO2 impact crusher is preceded by the MOBISCREEN MSS 802i EVO scalping screen. It loosens the sludgy material, screens it coarsely and prepares it for feeding to the impact crusher. The first step is not required in dry conditions. The excavated material can then be transferred directly to the impact crusher.

“It has been shown that this combination produces excellent results,” says Feyzullah Kahraman, Managing Director of the building company Safir Proje who operate the building site. “We produce grain sizes of 0/30

and 0/60 and, depending on the final product, can achieve an hourly output of 200 to 300 tons with a consumption of 24 litres”, explains the business operator. The quality of the final product also meets the requirements for the cubic material very well.



The MOBIREX MR 130i EVO2 excels with outstanding performance and top product quality.

IMAGE SOURCE: WIRTGEN GROUP

Efficiency lowers the operating costs

The fact that only one machine needs to be refuelled in dry conditions when the impact crusher is running without prescreening is very cost-effective. This lowers the operating costs. Or the scalping screen can then be used for other tasks on the building site. With its proportionally controlled running gear, the MSS 802i EVO can be moved quickly with short set-up times.



Feyzullah Kahraman, Managing Director of Safir Proje, is very happy with his new Kleemann plants

IMAGE SOURCE: WIRTGEN GROUP

Very pleased with service and handling

The new Kleemann impact crusher was quick and easy for employees to familiarise themselves with thanks to the intuitive SPECTIVE operating concept. The favourable ergonomics and easy access to all relevant parts for service and maintenance make the work more efficient. Overall, the close co-operation between the customer and Kleemann proved its worth for the challenging setting – from consultation at the Göppingen plant to the installation of the system on site.

Source: WIRTGEN GROUP