



The MR 100i NEO used for recycling in Nordhorn near the Dutch border.

IMAGE SOURCE: WIRTGEN GROUP

New compact crusher used for recycling

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- The new mobile impact crusher MOBIREX MR 100i NEO from Kleemann is used for recycling concrete and rubble in Nordhorn.
- The MR 100i NEO features a robust and compact design, making it suitable for tight spaces and ensuring user-friendly handling.
- The "Lock & Turn Quick Access" system allows quick, tool-free opening of the crusher housing, enhancing safety and efficiency.
- The fully hydraulic gap adjustment and overload system protect the machine from damage and simplify maintenance.

- **SPECTIVE CONNECT** enhances user-friendliness by allowing remote viewing of important functions and production data.
- The recycling company also utilizes a mobile stockpile conveyor **MOBIBELT MBT 24i** and mobile coarse screening plants **MOBISCREEN MSS 802i EVO** and **MSS 502i EVO**.

Impact crusher MOBIREX MR 100i NEO impresses during operation in recycling centre

The new mobile impact crusher **MOBIREX MR 100i NEO** from **Kleemann** is used in Nordhorn near the Dutch border. The new development is used for recycling concrete and rubble.

The **MOBIREX MR 100i NEO** is characterised by a robust design and flexibility. Thanks to the compact design, the mobile impact crusher can also be used in very tight spaces. The operator is convinced by the machine's sturdy design, technical innovations, performance and user-friendly handling.

User-friendliness and safety

A new feature of the plant is "Lock & Turn Quick Access". The system enables the quick and tool-free opening of the crusher housing. Opening and closing only takes 30 seconds and works practically at the touch of a button. This simplifies access for maintenance work, when jams need to be cleared or impact bars replaced. The safety and efficiency during operation are also improved. In the hectic day-to-day life of recycling, this saves time, ensures smooth operation and increases the safety for the operators.



The business couple Natalie Eiswert and Wouter Fahner from E+F Recycling at the machine handover of the MOBIREX MR 100i NEO in the Kleemann factory in Göppingen.

IMAGE SOURCE: WIRTGEN GROUP

Safe and simple: Gap adjustment and detection of overloading

Another highlight of the MR 100i NEO is the fully hydraulic gap adjustment and overload system. The gap adjustment as well as the zero point determination are realised to the nearest millimetre at the touch of a button. This means that manual measurement, loosening screws and the ultimate positioning are not necessary.

The overload system ensures that the machine itself is protected against serious damage in the case of uncrushable material such as large iron parts. When it is triggered, the pressure plate breaks so that the rocker arm can get out of the way. This protects the rotor, the rocker arm and the crusher housing effectively.

In such a case the pressure plate is replaced by the operator on the construction site, which works out much cheaper than damage to the rocker arm or in the crusher itself.

Simple handling with SPECTIVE CONNECT

The operation of the plant is user-friendly thanks to SPECTIVE CONNECT. Important functions such as the crushing gap setting and troubleshooting of the belt weigher can be viewed comfortably from a distance, and in the future viewing of the production data will also be available. This helps less experienced staff to familiarise themselves quickly and operate the plant safely. "The handling of the machine is really a major advantage for us. With our previous small impact crusher it was much harder for us to make settings, let alone have a digital solution which would give us such a comprehensive insight into machine data, etc.

SPECTIVE CONNECT is therefore a real benefit here", adds Wouter Fahner, Managing Director of E+F Recycling GmbH.



The MR 100i NEO is equipped with a powerful magnetic separator for good final product quality.

IMAGE SOURCE: WIRTGEN GROUP

Satisfied with the cooperation

In addition to the positive impressions on site at the factory in Kleemann Göppingen, the professional advice from the Kleemann experts of Wirtgen Germany was also crucial in the decision for the new compact crusher. The customer appreciates the proximity to the North German site of the German Wirtgen Group sales and service company because wear and spare parts can be easily ordered and a service technician is also always easy to reach in the event of problems.

In addition to the MR 100i NEO, the recycling company also uses a mobile stockpile conveyor MOBIBELT MBT 24i to optimise construction site logistics. The fleet also includes the mobile coarse screening plant MOBISCREEN MSS 802i EVO and soon the smaller MOBISCREEN MSS 502i EVO – both are used for soil

preparation, among other things.

Source: WIRTGEN GROUP