

# **MINExpo 2016: Wirtgen Group – reliable mining partner**

7 July 2016 by Wirtgen (Wirtgen Group)

**Many years of experience in the field of mineral technologies have given the Wirtgen Group sophisticated and practicable technologies designed for use in the most extreme conditions. With the display of the Wirtgen Surface Miner 2500 SM and the mobile impact crusher MOBIREX MR 110 Z EVO2 from Kleemann, the Wirtgen Group is showcasing two innovative solutions of its range of products at this year's MINExpo in Las Vegas (Central Hall 8801).**

Mining material deposits and processing mineral raw materials imposes high demands on man and machine. Powerful and durable equipment is essential. From mining to processing the material, the robust Wirtgen surface miners and crushing and screening plants from Kleemann offer high reliability and efficiency.

## **Wirtgen: Surface Miner 2500 SM**

The 2500 SM surface miner is used for the selective mining of raw materials with unconfined compressive strengths of up to 80 MPa. Heavy-duty components such as the 2.5 m wide mechanically driven cutting drum, separately height-adjustable track units and the direct material loading system provide the efficient continuous operation. The 2500 SM offers three different operating modes: the cut material can be directly loaded into trucks via the miner's conveyor system, discharged to the side of the machine by means of the slewing discharge conveyor, or deposited as a windrow between the machine's track units. The surface miner cuts, crushes and loads rock in a single working pass. The economical and environmentally friendly process dispenses with the need for drilling and blasting, creating stable, precise cross-sections that allow immediate trafficking by trucks.

## **Kleemann: Mobile impact crusher MOBIREX MR 110 Z EVO2**

The universally adaptable plant is suitable for processing both blasted natural stone as well as demolition rubble of mineral origin, producing a first-class final product quality. Despite its comparatively small crusher inlet size of 1,100 x 800 mm, the MR 110 Z EVO2 achieves throughput rates that have up to now only been achievable with considerably larger systems. As a result, maximum feed capacities of up to 350 t/h can be easily attained.

## **Wirtgen Group Services: Expertise and best practice are essential**

Availability of the machines is a crucial factor in this business, where the machines remain in operation up to 24 hours a day. In addition to the technology, Wirtgen Group also offers a comprehensive range of services. Amongst others an all-embracing concept for major projects that even includes financial support. Striving to provide customers with optimum support through individual made-to-measure solutions, the Wirtgen Group has positioned itself as the ideal mining partner.

Source: Wirtgen GmbH