

Sandvik Mining and Rock Technology showcases next generation mining equipment and services at MINExpo

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Sandvik introduces innovative new products and services that help customers to improve safety and productivity even further, with emphasis on total cost of ownership, scalable automation packages, availability of service and parts and inherent product safety.

At MINExpo INTERNATIONAL® 2016, Sandvik will showcase the latest in its portfolio of innovative equipment and services, ranging from a single drill bit to mine automation.

AUTOMATION - The rock factory is here today!

Sandvik offers a wide range of automation solutions that customers can apply right now in order to maximize the full potential of their mine site while significantly improving safety. Depending on customer requirements, we can provide AutoMine® for autonomous solutions and OptiMine® for information management - or a combination of these two - all resulting in improved safety and productivity. Because it's automation by miners, for miners, each solution is tailored to realistic conditions and needs, both in surface operations and underground.

3D scanning is one of several new and innovative features available in our automation offering. It automatically scans overbreak and underbreak to save valuable time during the drilling cycle, helping customers develop more meters every month. Don't miss the opportunity to discover more about the benefits of 3D scanning at the show.

REVEALING - 100% battery tramming

At MINExpo Sandvik will launch a number of drill rigs, including its latest addition to the DD422 series. Sandvik DD422iE uses electric battery power instead of a diesel engine, eliminating emissions during tramming. The patented electric driveline system on our latest automated mining jumbo enables battery recharging during drilling. Sandvik DD422iE burns less fuel, also generating less heat and noise than conventional drivelines. The result is safer, healthier and more productive development drilling. There are many other new and innovative solutions on Sandvik DD422iE designed to increase productivity and simplify maintenance, to help ensure maximum rig availability.

There is growing awareness of the potential health impacts of diesel particulate matter (DPM) and other underground engine emissions which often dictate high mine ventilation costs. This extends beyond drilling to other underground equipment. Discover more about the electrifying solutions for underground loading and hauling from Sandvik at MINExpo.

NEXT GENERATION - drilling for every application

Explore the latest examples demonstrating our extensive experience in surface and underground drilling – whether top hammer, ITH, DTH or rotary – at MINExpo. These include the launch of the latest addition to our modular 400 underground range of ITH long hole drill rigs with automation capability. Learn more about the latest in the series of diesel powered, self-propelled, crawler-mounted surface blasthole drills is automation-ready and features forward-thinking design and technology for bulk mining operations. Coupled with the patented Sandvik Compressor Management System fuel consumption can be improved by up to 25 percent.

REINVENTING - drill bit design

Having developed and supplied productive rock tools for more than 100 years, Sandvik continues to reinvent drill bit design. The newly-introduced top center drill bits, incorporating the most significant upgrade to face drilling bits in decades, is one of the Sandvik highlights at MINExpo. The new design features a so-called “raised front”, elevating two or three front buttons – depending on diameter size – a few millimeters above the gauge buttons located on the periphery of the bit. Additionally, the front buttons are set at a slight angle relative to the symmetric axis of the bit.

The raised front creates a slightly recessed hole bottom pattern that alters the rock-breaking action in order to achieve improved performance. This, together with a new cemented carbide grade GC80, which combines toughness with a softer center, further extends the service life and long grinding intervals. More launches will be revealed at the show.

ECO-EFFICIENCY - comminution

Learn more about the advancements in the field of comminution and see the latest in the range of crushers in the quest for more eco-efficient comminution solutions - one of these being Sandvik CH865, our mid-range mining crusher for high-reduction tertiary and pebble applications. The intelligent systems on Sandvik CH865

enable real-time performance optimization, while smart, compact design solutions reduce dynamic loads and minimize engineering and installation work.

GETMAN - solutions to underground mines

As previously announced, Sandvik and Getman Corporation entered into a global distribution agreement under which Sandvik will be the exclusive global distributor of Getman's products. Getman representatives will be available at the Sandvik booth to discuss the Sandvik and Getman solution offering in underground drilling, rock enforcement systems and aftermarket services.

SANDVIK 365 - parts and services you can count on!

Sandvik ties it all together with comprehensive aftermarket solutions. People often talk about quality, commitment and innovation. But for the real story, take a close look at the numbers. In an industry where an hour of downtime can cost thousands, Sandvik parts and services can save customers millions, with around-the-clock service, qualified engineers and genuine parts on demand. Trust the numbers! Visit the Sandvik booth and learn all about Sandvik:

- Service solutions
- Rebuild solutions
- Component solutions
- Upgrades and custom engineering
- Genuine kits and performance fluids

"We're driving innovation throughout our entire portfolio, from new equipment to ever smarter customer services," says Marie Brodin, Vice President, Marketing and Communications, Sandvik Mining and Rock Technology. "We are focusing on the numbers that matter by conveying customer value and lower total cost of ownership of the total Sandvik package. At MINExpo we will showcase a compelling offering of products and services, all designed to benefit our customers' bottom line in terms of increased safety and productivity. Sandvik is at the forefront when it comes to mining equipment, whether it be equipment automation or cemented carbide grades for drill bits. What ties it all together are our dedicated people and our offering of genuine parts and services. We call it Sandvik 365."

Source: Sandvik