



# How to use a remote-controlled underground rock drill

Rio Tinto is employing a further nine autonomous drilling systems at its mines in Pilbara in Western Australia, taking the total to 20. The technology enables a remote operator ...

Underground Rockdrill WA provides you with new and used Rock Drills and Air Legs, and a range of pneumatic hand held mining equipment. Mining ...

The drill is designed to be moved from the three control points so we will, first, describe the common procedure for all three control points and then how to operate in the three control ...

Remote-controlled demolition machines are providing effective solutions in mining--from deep-vein operations to shaft revitalization.

A machine designed for drilling holes in rock, primarily used for blasting or anchoring purposes. Rock drills are essential in both underground and surface mining, particularly in hard rock ...

Discover what underground drilling rigs are, how they work, key types, and their applications in mining, tunneling, and construction projects.

In this video, I take you deep underground to showcase the installation, operation, and performance of our hard rock drilling tools and percussive drill bits.

Learn how to effectively control a cordless drill remotely with our comprehensive guide. From understanding the different components to ...

Successful operations in mind. Together with the iSURE tunnel management program, their intelligent control system, high frequency RD525 rock drills, robust booms and advanced drill string ...

This compact excavator drill rig is easy to be attached onto an excavator and operates via remote control system. By studying our installation and start-up ...

Underground drilling in hard rock environments presents unique challenges, demanding specialized tools that can withstand immense ...

Tele-remote drilling allows multiple units to be controlled by one operator (through individual user interfaces). Combined with drilling automation, working can ...



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Underground Rockdrill WA provides you with new and used Rock Drills and Air Legs, and a range of pneumatic hand held mining equipment. Mining companies and private contractors are ...

Mineral exploration is often be considered to be a rudimentary process; one of hardcore geoscience, with prospectors poring over maps and collecting rock core samples ...

The pure drilling power of the 14 kW rock drill is key. With Radio Remote Control, COP SC14 rock drill and flexible drilling angles, the FlexiROC T20 R knocks ...

For this reason, taking Atlas drilling rig equipment as the research object, a set of wireless remote control system based on STM32 micro ...

The modified Atlas Simba 1354 rock drill jumbo remote control system was applied to Xingshan Iron Mine. After actual using, it can meet the ...

Sandvik Mining and Rock Solutions has launched AutoMine for Underground Drills, a tele-remote solution designed for mining operations. ...

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Z20 Double Boom Face Drill Jumbo Z20 double-boom rock drilling jumbo is a kind of digital underground tunnel drill rigs used for full construction ...

1. Introduction to Underground Jumbo Drilling Underground jumbo drilling machines are like big, specialized rigs used to drill holes in the ground. People use them for mining, ...

Along with haul trucks, which are arguably the most automated of mining equipment today, autonomy in drilling equipment is now standard - ...

Teleremote drilling is an advanced and portable drilling control station available for Sandvik DD422i / DD422iE development drills allowing easy and reliable way to control the drilling ...

Radio Remote Control (RRC) for line-of-sight operations, offers an effective way of working inside stopes and areas exposed to risks of falling rock. When ...

SCALABLE AUTOMATION With scalable automation packages, Sandvik DD422iE offers a wide range of valuable features for automatic drilling: Booms with hydraulic parallel hold without ...

This comprehensive guide will explore the various types of rock drills, the procedures for their safe operation,



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and the critical factors for optimal performance, from ...

Using this drill attachment with equipment such as a Brokk 500 remote-controlled demolition machine, can optimise compact power and performance in underground mining ...

This innovative technology combines remote-controlled robotic platforms manufactured by Brokk with specialised TEI hydraulic rock drill attachments. Consequently, it ...

The modified Atlas Simba 1354 rock drill jumbo remote control system was applied to Xingshan Iron Mine. After actual using, it can meet the requirements of on-site use, greatly improving ...

FORACO pioneered the deployment of the first wireless remote controlled RC rig with full Measurement While Drilling (MWD) in the Pilbara in late 2015. This rig ...

Our Explorac range provides exploration drillers with the only reverse circulation drilling rigs on the market which are specifically designed for reverse ...

Radio Remote control Control, operate remotely, and automate your operation. Cavotec Radio Remote Controls are safe, easy, and customisable. Our complete RRC solution reduces ...

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