



Jumbo Rock Drill Maintenance

Can a jumbo drill be used for mining?

It can be used for jumbo drill mining. Drilling jumbos in deep mines are typically applicable where drilling and blasting are necessary to achieve jumbo underground mining. When rock resistance prohibits the usage of tunneling machines, the jumbo drill machines are still relevant in tunneling.

What is a rock drill on a jumbo drill?

The rock drill on a jumbo drill is a pneumatic or hydraulic-powered machine that is responsible for actually drilling into the rock. It utilizes high-pressure air or hydraulic fluid to rotate the drill bit and generate the necessary force to penetrate the rock.

Why are Jumbo drills important?

Their ability to reach inaccessible areas and their power to drill through hard and abrasive rock make them an essential tool in underground mining. Moreover, jumbo drills make mining operations safer by reducing the need for manual drilling and minimizing the risk of rockfalls.

Which Jumbo drill machine is suitable for underground drilling?

Underground jumbo drill machines from Fucheng will drill holes with diameters ranging from 33 to 102 mm and a depth of 2.7 meters. These jumbo drills are suitable for all underground drilling operations, including jumbo drill mining. These jumbo mining vehicles are sturdy and long-lasting.

How do drilling jumbos work?

The drilling jumbos consist of single, double, or triple rock drills, and some are with a basket on which the operator stands to load explosives into the holes, clear the tunnel face, and so on. The carriages are at the front of the vehicle bolted with the chassis. It also holds the miner's cabin and the hydraulic pump.

What are the components of a jumbo drill?

The main components of a jumbo drill include the boom, feed, rock drill, and drill bit. The boom is the long arm of the jumbo drill that extends outwards to reach the desired drilling location. It is a flexible structure that can move in multiple directions, allowing the operator to position the drill accurately.

A dual-boom jumbo on a common platform The ZJ32 is a pilot hydraulic, diesel, dual-boom development drill. This medium-class jumbo features an innovative common platform design ...

Learn effective methods to improve the penetration efficiency of CYTJ45 tunneling drill jumbo drill rods, enhancing mining performance and reducing operational costs.

At Ningbo Easydrill Machinery Co., Ltd, we manufacture Single Boom Jumbo Rock Drill Rigs engineered for precision, durability, and efficiency in mining, tunneling, and construction ...



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In the fast-paced worlds of mining, metallurgy, and infrastructure engineering, rock drilling machinery is essential for driving productivity. At Ningbo Easydrill Machinery Co., Ltd., a ...

This article explores maintenance strategies and tips for ensuring the longevity of rock drilling equipment. Whether you are a rock drilling equipment manufacturer, a wholesale rock drilling ...

Sandvik DD321 is a compact two-boom jumbo capable of operating in demanding conditions, thanks to its flexibility to answer various needs such as face ...

As Professional Rock Drill, we offer spare parts, repair, maintenance and service for all construction machines. (atlas copco, sandvik, furukawa, montabert, ingersoll etc.)

This instruction manual should be read in advance by all persons who are to operate or repair the drill rig or carry out maintenance on it. See separate instructions for documentation on the rock ...

Delkom manufactures alternative rock drill spare parts, surface drill rigs parts, underground-Jumbo drill rigs spares for epiroc, furukawa, montabert etc, Besides, Delkom is ...

Explore the precision and efficiency of the Sandvik DD422iE electric drill rig, a top-notch solution for development drill rigs in mining operations.

Epiroc's rugged face drilling rigs are built for blast hole drilling in underground mining and tunneling. Choose your model of jumbo here and read more!

In this case, jumbo drill machine mining uses a variety of different rock drilling techniques. Fucheng's underground jumbo drill machine has a bore diameter of 33 to 102 mm and 2.7 ...

Delkom manufactures alternative rock drill spare parts, surface drill rigs parts, underground-Jumbo drill rigs spares for epiroc, furukawa, montabert etc, ...

DD421 DEVELOPMENT DRILL TECHNICAL SPECIFICATION Sandvik DD421 is a two boom electro-hydraulic jumbo for fast and accurate drilling in drifting and tunneling of 8 - 60 m² cross ...

Learn essential maintenance tips to extend the life of underground mining equipment. Maximize efficiency and reduce downtime with proper care.

Drill Jumbo: Revolutionizing Tunnel Drilling Operations Introduction: Drill jumbos have revolutionized the tunneling industry by combining powerful drilling capabilities with advanced ...

As Professional Rock Drill, we offer spare parts, repair, maintenance and service for all construction



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The jumbo drill operates under pneumatic power and consists of several components that work together to carry out drilling operations ...

The jumbo uses a high performance RD525 drifter, which is easy to service, and a fast and adaptive drilling control for changing rock conditions. The intelligent ...

TECHNICAL SPECIFICATION Sandvik DT1231i is a computer-controlled three boom electro-hydraulic jumbo for fast and accurate drilling in tunneling and cavern excavations.

Elevate your mining operations with the DD422i drill equipment - a powerful and reliable solution designed for development drill rigs.

The document provides a comprehensive overview of hydraulic drill jumbos, covering their operational principles, components, and maintenance ...

Furukawa is always there. New lineup of demolition tool, blast hole drill, tunneling jumbo drill . In 1914 FURUKAWA has produced Japan's first original pneumatic rock drill. Since then we have ...

S03 Rock Drill HL510-560 Repair Instructions_SP.pdf JUMBO DD210 DRILLING MACHINE - Free download as PDF File (.pdf), Text File (.txt) or read online for free. This document ...

TECHNICAL SPECIFICATION Sandvik DD422iE is an intelligent control system based mining jumbo with electric driveline system for underground development drilling and small scale ...

Exceptional flexibility and innovation in a common platform Designed for flexibility and productivity, the ZJ21 is a jumbo drill on a common-carrier platform that makes operator training and ...

Rock Drilling Rigs and Large Track Maintenance Machinery The three-arm rock drilling rig is a key device in tunnel construction, efficiently performing drilling ...

Follow these tips for properly maintaining your drill bits, drill steel, and rock tools to keep your drilling operation working as effectively as possible.



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