

# How to install the air needle on the rock drill leg

What is air leg Rock Drill?

Air leg rock drill is a tool work in quarrying, construction and mining, which uses compressed air to drive rock drilling tools for rock drilling operations. This type of rock drill machine usually consists of a compressed air source, the rock drill body and the drilling bit.

How do you lubricate a rock drill & pusher leg?

The rock drill and pusher leg are lubricated with oil mixed with compressed air, which is taken to the parts that need continuous lubrication. Oil is metered into the compressed air using the FY250 lubricator connected to the air line.

How do you drill a deep hole in a rock drill?

When drilling deep holes, must use different lengths drill rods of different lengths, and use short drill rods at the beginning. The air leg rock drill consists of two main parts, a jack hammer head and an air leg. The jack hammer head consists of a silencer, a motor, a water chamber, a motor control valve, and an air leg control valve.

What is bd-yt29a air leg Rock Drill?

It is an efficient, energy saving rock drill. The BD-YT29A Air Leg rock drill has lower noise, higher durability, faster speeds rate than other comparable drills. Features Include Centralised operating system, flexible startup, combination of pneumatics and water, ease of use and straightforward maintenance

What is bd-yt24 air leg Rock Drill?

It is an efficient, energy saving rock drill. The BD-YT24 Air Leg rock drill has lower noise, higher durability, faster speeds rate than other comparable drills. Features Include Centralised operating system, flexible startup, combination of pneumatics and water, ease of use and straightforward maintenance

How do you tighten a rock drill?

The tightening torque shall be 150 Nm. h Check the rock drill's connection to the pusher leg. h Check the hoses, couplings and controls for leakage and damage. h Check that the rock drill and pusher leg are receiving enough lubrication. Fill the lubricator as necessary. h Drain the water separator. h Check the air and water pressure.

The piston rod in the pusher leg retracts automatically. This function is used for example to adjust the height of the rock drill, when rigging up the pusher leg, ...

The rock drill is a kind of high efficiency air leg rock drill machine. Jack hammer used for blasting holes and other drilling works in a quarries, railway ...



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YT28 AIR- LEG ROCK DRILL Applications: Most fit drilling horizontal and inclined blast holes in medium-hard rock with a hardness of  $f=8\sim 18$ . It may also be for ...

Operation Steps Place the air leg in a stable position and adjust the angle of the rock drill. Turn on the air and water supply, start the rock drill, and begin drilling. Adjust the height and angle of ...

S25 Jackleg Drill Mounted Rock Drill The Mindrill S25 Jackleg Drill leg mounted rock drill is a hard-hitting hammer ideal for development end drilling. Its relatively bigger size makes it ...

The lightweight yet powerful S215 pneumatic air leg rock drill is ideal for drilling and maneuvering in low stoping height conditions. We are a leading ...

It is an efficient, energy saving rock drill. The BD-YT24 Air Leg rock drill has lower noise, higher durability, faster speeds and a lower failure rate than other comparable drills.

The rock drill and pusher leg are lubricated with oil mixed with compressed air, which is taken to the parts that need continuous lubrication. Oil is metered into the compressed air using the ...

The aim of the instructions is to provide you with knowledge of how to use the rock drill in an efficient, safe way. The instructions also give you advice and tell you how to perform regular ...

Knee holes are usually the easiest holes to collar and usually drill faster than others as the pusher leg is more in line with the drill and exerts more forward force on the drill towards the face. The ...

The rock drill has its own fixed air leg control system. During use, we can use the air leg regulating valve to adjust the thrust of the air leg according to the needs of the site, ...

Atlas Copco BBC 16W/WS and BBC 34W/WS pusher leg rock drills are water-flushed and intended for air pressures of 4-6 bar. The pusher leg rock drills have been designed for the ...

Introduction to yt29a (air-leg)rock drill YT29A air-legged rock drills are heavy-duty push-leg (air-legged) rock drills with low energy consumption, which are more suitable for drilling horizontal ...

Frequently Asked Questions How long does it take to drill a hole in rock? The time varies significantly depending on rock hardness, hole size, and tools used. A small 1/4" hole in river ...

YT28 air-leg rock drill is a new type of rock drill is widely used in quarrying, mining, tunneling, and drilling blast holes in various rock drilling ...

The instructions recommended within this document apply to normal risk conditions. If the Air Rock Drill is

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to be operated in a dangerous or hostile environment, the user/client is ...

YT29A (Air-leg)rock drill YT29A air-legged rock drills are heavy-duty push-leg (air-legged) rock drills with low energy consumption, which are more suitable for ...

Troubleshooting of rock drills Common faults and treatment methods of air-leg rock drills Fault 1: The rock drilling speed is reduced (1) Causes of failure: First, the working air pressure is low; ...

Employ qualified service technicians to repair rock drills. An un-trained mechanic could possibly make errors in installing parts and cause severe damage to mating parts in the machine. ...

The air leg rock drill represents a pinnacle of pneumatic drilling technology, combining power and precision in underground mining and construction applications. This versatile tool operates ...

A tool for every rock drilling job Make every liter of air count. Every pneumatic underground rock drill combines light weight, high torque and high impact ...

Air powered rock drill, also known as pneumatic rock drill, is a tool mainly work in construction and mining for drilling holes into rock or concrete ...

Applications: Most fit drilling horizontal and inclined blast holes in medium-hard rock with a hardness of  $f=8\sim 18$ . It may also be for making roof bolting holes. The drill is an important ...

?Shenli Mining Machinery Manufacturers Sales Manufacturers?SEHNLI How to use the YT27 pneumatic air leg rock drill? | Work real shot | Rock drill series experiments, YT27 pneumatic air leg ...

Discover the essential air pressure and CFM requirements for pneumatic rock drills, their impact on efficiency, and strategies for improving drill performance. Learn how to match ...

Air powered rock drill, also known as pneumatic rock drill, is a tool mainly work in construction and mining for drilling holes into rock or concrete surface.



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