



# New pneumatic rock drill video tutorial

What is a pneumatic rock drill?

A pneumatic rock drill is a kind of percussive drilling machine powered by compressed air. According to the propulsion mode, the equipment can be divided into handheld rock drilling equipment, air leg rock drilling, telescopic upward rock drill, and guide rail rock drilling machine.

How do I choose a pneumatic rock drill?

There are many things to consider when choosing a pneumatic rock drill, as drills come in several weight classes and sizes. The smallest pneumatic hand drill weighs in around 8 pounds while the largest sinker drills can weigh in near 70 pounds. The first thing you want to determine is the hole diameter and depth you want to reach.

How loud is a pneumatic rock drill?

**INTRODUCTION** The pneumatic rock drill is one of the most severe noise sources in the mining industry. A 1971 environmental noise survey in 21 coal mines by the Bureau of Mines revealed that pneumatic rock drilling for the installation of roof bolts exposed individuals to the highest sound levels observed, a range of 104 to 118 dbA (7).

How to use a pneumatic drill?

The driver stands on the side behind the pneumatic drill, holding the handle of the drill with one hand. Then adjust the control valve and frame control valve with the other hand as per the drilling situation to an appropriate height; The drill operator should stand on one side, away from the driver's sight and in the direction of the machine hole.

How air leg Rock Drill Works?

During operation, compressed air is transported into the main body of the rock drill through pipelines. And then the air pressure is converted into mechanical energy through a certain mechanism to drive the chisel bit to reciprocate. By this way, it can crush and cut the rock. How to use an air leg rock drill and what need to pay attention to?

What is a rock drill machine?

This type of rock drill machine usually consists of a compressed air source, the rock drill body and the drilling bit. During operation, compressed air is transported into the main body of the rock drill through pipelines.

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A pneumatic rock drill is a type of drill machine that works with compressed air, typically works in underground drilling for mining, tunnel and construction. It can penetrate ...

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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 ...

The air leg rock drill is supported and propelled by the air leg, which reduces the labor intensity of the operator. The drilling efficiency is higher than that of ...

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mining for drilling holes into rock or concrete ...

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