



Dianjiang automatic connecting rod second-hand down-the-hole drilling rig

What is rod connection & removal?

Rod connection and removal are crucial aspects of down-the-hole drill operations, directly impacting overall work efficiency and the service life of rock drilling tools.

How do you loosen a drill rod?

Loosening stage: after clamping the two drill rods, drive the unloading rod cylinder to rotate the upper and lower clamping cylinders relative to each other by a certain angle to loosen the threaded connection between the two drill rods.

What is a down-the-hole drill?

In mining, tunneling, and geotechnical engineering, down-the-hole drills are core equipment, and their operating efficiency and stability are directly related to project progress and cost control.

What is a rod connection & unloading method?

The traditional rod connection and unloading method relies on manual operation, which is not only cumbersome and labor-intensive but also easy to cause damage to the rock drilling tools. However, with the rapid development of automation technology, the rod connection and unloading method of down-the-hole drills is undergoing unprecedented changes.

What is proportional connecting and unloading rod technology?

With the rapid development of PLC control technology, proportional connecting and unloading rod technology emerged at a historic moment. This technology achieves high automation and intelligence in the rock drilling tool loading and unloading process through the perfect combination of electrical and hydraulic technology.

Why are rock drilling tools difficult to operate?

Fragile rock drilling tools: due to the manual operation's error of manual operation, the push speed is difficult to control accurately, which causes the thread of the rock drilling tools to be damaged due to the rigid transmission force. Inefficiency: complex operation steps and uncertainty of manual control affect the operation efficiency.

Leading Manufacturer of Down-the-Hole (DTH) Drilling Equipment for Mining, Construction & Water Wells. Premium products at fair prices. Get a Quote Today!

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Automatic rod changer device of split hydraulic surface down-the-hole drilling rig The drill rod storage device can accommodate five drill rods, which can ...

Discover the impact of Down the Hole Hammers (DTH hammers) in urban redevelopment projects. Learn how these specialized tools enable ...

The document discusses Down-The-Hole (DTH) drilling. DTH drilling involves a mini jackhammer located behind the drill bit that breaks rock into small pieces. ...

The KT25 integrated down the hole drill rig for open use can drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes, It is driven ...

PD INNOVATE PDKJ- 103 Integrated Automatically Changing Rod Down -the- hole Drill rig Features: 1: Automatic receiving and unloading rod system, to meet a single ...

DTH rig machine, down-the-hole drilling rig, is a powerhouse drilling tool designed for deep, accurate, and efficient boring in demanding environments. Ideal for mining exploration, quarry ...

Efficient Diamond Core Drilling: This portable diamond core drilling rig is designed for geological exploration and mining applications, ensuring efficient soil investigation with its reliable ...

High Productivity: This top hammer drilling rig is designed to provide high drilling efficiency, making it an ideal choice for various applications in mining and construction, including coal ...

This review is intended as a fundamental guide to various aspects of the technology, including drilling methodologies, flushing, drill hole ...

A down-the-hole drill, usually called DTH Drilling Rig, is basically a mini jackhammer screwed on the bottom of a drill string. The speedy hammer activity breaks hard stone into ...

The company offers a full range of drilling rig products, including water well drilling rigs, core - drilling rigs, truck - mounted drilling rigs, photovoltaic drilling rigs, down - the - hole drilling rigs, ...

Discover the power of down the hole drilling technology featuring superior performance in hard rock, enhanced accuracy, and advanced automation capabilities for efficient and precise ...

Mastering the operation skills of down-the-hole drilling rigs can help everyone complete construction tasks more safely and efficiently.

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bottom of a drill string. The speedy hammer ...

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The KT25 integrated down the hole drill rig for open use can drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework ...

Product Description >> Product Description The KG920BIII/KG920BHIII down the hole drill rig mine drilling rig for open use is an improved device in compliance with national regulations in ...

Features 1 Using its single power to drive the screw air compressor and the hydraulic system of the drilling rig at the same time, compared with the split drilling rig, the comprehensive fuel ...

The integrated open-pit down-the-hole drilling vehicle is an advanced drilling equipment that integrates the down-the-hole drilling system and the screw air compression system, equipped ...

Down the hole drilling rig has a hydraulic wet dust removal system with adjustable water volume and water pressure, and water pressure alarm function. The rig ...

PD INNOVATE PDKJ- 101Z Integrated Automatically Changing Rod Down -the- hole Drill rig Features: 1:PDKJ-101Z The integrated open-air Down- The- Hole drill rig AND TOP hammer ...

The integrated open-pit down-the-hole drilling vehicle is an advanced drilling equipment that integrates the down-the-hole drilling system and the screw air ...

The down the hole drilling machine is equipped with automatic unloading rod system and drill rod lubrication module, which can realize single operation and ...

Among all the drilling method, Down The Hole(DTH) drilling is being used more and more widely and has very high efficiency for some cases. Here, we will introduce the ...

The down the hole drilling rig is an efficient rock drilling equipment, with the core feature of synchronous drilling of the down the hole impactor and drill bit. It has low energy consumption ...

Performance - Tested 21 - Year - Old Second - Hand Zhigao 410 Down The Hole Drilling Rig, Find Details and Price about Used Water Well Drilling Rig Water Well Drill from Performance - ...

In mining, tunneling, and geotechnical engineering, down-the-hole drills are core equipment, and their operating efficiency and stability are directly related to project progress ...



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B1B automatic rod changing down the hole drilling rig GIA B1B has advanced technology and mature down the hole drilling method. It has reliable performance and high drilling quality. It is ...

The KT15C integrated down the hole drill rig for open use can drilling vertical, inclined and horizontal holes, mainly used for open-pit mine,stonework blast holes and pre-splitting holes. It ...

Our KT15 integrated surface DTH drilling rig is designed by drawing inspiration from previous models. It can satisfy most needs of operators by providing a ...

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