



90S down-the-hole drill rig

What is a down the hole drilling rig?

Down the hole drilling rig is an impact rotary drilling rig. Its internal structure is different from that of a general rock drill.

What is a down-the-hole drilling machine?

The down-the-hole drilling machine is suitable for large-diameter blast hole rock drilling operations in small and medium-sized mines, road construction, water conservancy, and stonework, as well as drilling anchor holes in slope support, tunnel support, and foundation pit support. The main drilling object is a rock formation.

What is down-the-hole hammer drill rig?

The working principle of the down-the-hole hammer drill rig is the same as other rock drilling rigs. It has the process of rock drilling and hole formation such as impact, rotation, ballasting, and advancement, and it belongs to percussion rotary drilling.

What are the different types of DTH drilling rigs?

According to the different hole diameters, it can be divided into light DTH drilling rig (with a hole diameter of 70-120mm), medium-size DTH drilling rig (with a hole diameter of 150mm), heavy-duty DTH drilling rig (with a hole diameter of 200mm), and extra heavy DTH drilling rig (the hole diameter is 250mm).

What is DTH drilling rig used for?

DTH drilling rig is suitable for drilling large-diameter blast holes in small and medium-sized mines, road construction, water conservancy, and stone works, as well as drilling bolt holes in slope support, tunnel support, and foundation pit support. The main drilling object is the rock formation. YG Machinery is a top supplier of machinery.

What are the different types of drilling rigs?

According to the power configuration of the drilling rig, it can be divided into diesel-powered down the hole drilling rig, diesel-electric dual-purpose down the hole drilling rig, electric down-the-hole drilling rig (need to be customized).

The SWDS 90A-DTH is a high-efficiency separated crawler mounted surface hydraulic down-the-hole (DTH) drilling rig, designed for rock drilling and mining operations.

Down-the-hole drilling (DTH) essentially involves a drilling hammer at the bottom of a drill string. It relies on three elements for drilling holes: bit loading ...

The DTH drilling rig (down-the-hole) is a highly efficient rock drilling equipment used in open-pit mines, stonework projects, road construction, and other scenarios. It is also called a shallow ...



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This product can be widely used in rock drilling operations in various projects such as open-pit mining, construction foundation excavation, water conservancy, power station ...

Down-the-hole drilling (DTH) essentially involves a drilling hammer at the bottom of a drill string. It relies on three elements for drilling holes: bit loading (weight), rotation and air. These active ...

Our intelligent surface drill rigs bring the latest technology to surface mining applications. Designed to work in the toughest operating conditions, our ...

The small down the hole drilling rig offers hybrid motor-air performance, designed for efficient rock drilling in tight or steep areas. Click!

ZDKH612 Surface Down The Hole Drill Rig Close to the real needs of customers is the basic principle of ZDKH612. Lower use and maintenance ...

Our small down the hole drilling rig, or DTH driller, is a kind of efficient, energy-saving, and cost-effective rock drilling equipment. It is designed all by ourselves according to its practical ...

KQTG-150 Down-The-Hole drilling drig offers excellent fuel efficiency, improved safety and higher productivity in challenging rock conditions, which is used for ...

DTH drilling rig provided by JK Drilling is designed for urban construction. Due to its high efficiency, maneuverability and safety, it is capable of handling various drilling tasks, such as ...

The machine is equipped with two down-the-hole hammers (different diameter). They can be replaced with each other anytime according to requirements, with fast drilling speed and high ...

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

ABSTRACT Since their first production application in Sweden in 1995, water-powered, down-the-hole hammers (WDTH) have been used throughout the world in many different drilling ...

Surface drill rigs are used for blast hole drilling in construction, quarrying, and open-pit mining, covering a hole range between 27-229 mm. We offer the ...

Robust design is built to last and adds safety to daily work. An accurate control system with simple icon displays makes drilling easy. Clear gauges for drilling parameters, compressed air, ...

DTH (Down-The-Hole) drilling and rotary drilling are two common methods used in the drilling industry,



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each with its unique characteristics and applications. Here are the key differences ...

ZDKH720 Surface Down The Hole Drill Rig ZDKH720 Surface DTH Drilling Rig is the Plus version of the KH712. Upgrade the hydraulic system, increase the system flow, improve the rotary ...

Down the hole drilling rig is to make the impactor dive into the hole in the process of rock drilling to reduce the energy loss caused by the transmission of the ...

Down-the-hole drilling rigs | Choosing the right drilling rig You could need a drilling rig for a multitude of applications, for example to drill a well to access a ...

XD-420T Crawler Mounted DTH Drilling Rig Brief Introduction The XD-420T series crawler open-pit down-the-hole drill rig is a new type of down-the-hole drill developed to...

Down the hole drilling machine, manufactured by YG Machinery, is widely used for mining and construction. Down the hole hammer drill rig for sale!

Looking for a reliable and affordable down the hole drilling machine? YG Machinery offers complete DTH drilling solutions including rig, air compressor, drill tools, and after-sales support.

Great for Deep Drilling: Can drill over 300 meters deep. Flexible Setup: Choose the right compressor and drill for each job. Strong and Durable: Can work in hard environments for ...

Down the hole drilling is the use of an impactor and a drill bit that submerge into the bottom of the hole to impact and crush the rock. Small in size and light in ...

Product Description The KT5C integrated down the hole drill rig for open use is an advanced drilling device integrating the down the hole drilling system and screw air compressor system, ...

Down-the-Hole (DTH) drilling is a technique used to create deep, precise holes in hard rock and challenging ground conditions. In this method, ...

Discover how the right down-the-hole (DTH) drill rig can boost your mining and construction efficiency. Learn about rig types, key features, and ...

The down-the-hole drilling rig uses the impactor and the DTH drill bits submerged into the bottom of the hole to impact and crush the rock. Therefore, it is called ...

Discover the benefits of large-diameter DTH hammer drilling technology. Achieve efficient, precise, and sustainable deep hole drilling for ...



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Down-the-hole drilling rigs | Choosing the right drilling rig You could need a drilling rig for a multitude of applications, for example to drill a well to access a natural resource (water, oil, ...

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 ...

Air capacity is the most important factor affecting down-the-hole performance. The engine and compressor in a SmartROC drill rig are controlled by an intelligent system which delivers more ...

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