



Lightweight down-the-hole drill rig models

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 DTH rig machine?

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 operations, water well drilling, and construction projects, DTH rigs deliver unmatched performance in hard rock formations.

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.

How deep can a drill rig Drill a hole?

Designed to drill clean holes of 6-1/2 inch (165mm) to 8 inch (203mm) diameter to a maximum depth of 175 ft (53.3m) using 25 ft (7.6m) long rods and 120 ft (36.5m) using 30 ft (9m) long rods. REL'S DTH Drilling Rig - Manufacturers of Down the Hole Drills for Mining, Quarrying & Construction.

What is ygq-100 DTH drilling rig?

The YGQ-100 DTH drilling rig is a method that uses compressed air as the power to convert compressed air into mechanical force to break rocks. The power part is an air motor. YGQ-100 can be used in the absence of electricity, which is safe and reliable.

How deep can a c615 D Drill rig Drill?

Diameter : 4" (101.6mm) to 6" (152.4mm) Single pass depth : 13.12 ft (4m) Multi pass depth : 52.5 ft (16m)
The C615 D Jack-less DTH Drilling Rig is designed to drill holes of 4 inch (101.6mm) to 6 inches (152.4mm) up to a maximum depth of 52.5 ft (16m). Built to drill in limestone quarries, aggregate mines and various construction applications.

Down the hole drilling machine is known as a portable drilling rig or tripod drilling rig. There is a variety of models for DTH drilling machines for sale in YG ...

The Comacchio CX line includes a diversified selection of models, ranging from lightweight and compact units, suitable for exploration drilling up to 1000 m depth with NQ rods, to heavy ...

Our Boart Longyear Delta Base 520 (DB520) is a compact, lightweight, multipurpose drill rig designed for



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environmental, geotechnical, construction and exploration drilling scopes.

Down-the-Hole refers to where the hammer action occurs when compared to drifter hammers, which hammer on top of the drill string. The DTH hammer piston always makes direct contact ...

The whole series of DTH drilling rigs have complete models, suitable for a variety of scenarios. Provide one-stop supporting services such as air compressor, drilling rods and drill bits.

Its unique double-layer planetary walking device and automatic horizontal calibration function of drill rod can achieve high stability operation.³ Strong versatility: This rotary drilling rig can be ...

Portable DTH Drilling Rig is a highly efficient and widely applicable drilling equipment, widely applicable to small and medium-sized mines and transportation, national defense, water ...

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 ...

Leopard(TM) DI560 is a highly mobile, compact, diesel-powered down-the-hole (DTH) drill designed for DTH blasthole drilling in mining, quarry and ...

Manufacturers design small DTH rigs to be lightweight and portable, enabling easy transport between job sites. You can move them by truck or tow them behind a vehicle, making these ...

The advantages of rotary drilling include: 1. High efficiency performance: This rotary drilling rig adopts a four girder multifunctional hydraulic rotating leg ...

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 ...

Water conservancy projects and slope management: for complex terrain areas, such as riverbanks, mountain slopes, etc., small drilling rigs can be manually transported to the ...

? From open-pit mine blasting to large stone engineering and hydropower projects, the QZDX series delivers efficiency, flexibility, and durability. Shared Features Crawler chassis for easy ...

Built for mobility and precise down-the-hole drilling in small to mid-scale construction sites, JC710 offers a balanced combination of compact design, efficient power transmission, and stable ...

The DHT drilling rig is widely used in small and medium sized mining and national defense, water conservancy, road construction, stonework project blasting hole drilling operations. Is the ideal ...



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YG Small DTH Drilling Machine DTH (Down-the-Hole) drilling technology places the hammer right behind the drill bit at the bottom of the hole. Instead of losing energy along the drill pipe, you ...

Ranging in size from small, limited access drilling rigs to large platform/big performance sonic drilling rigs, our drill rigs cover a range of applications.

100B and 100D is a mini DTH drill rig that is lightweight and affordable. There are two models of this machine, one is pneumatic and one is electric. Both models ...

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