



Upward DTH Drilling Rig Operation Video Tutorial

How does a DTH drill work?

DTH equipment consists of a drilling hammer and a piston-powered by compressed air. As the drill string rotates, the drilling hammer strikes down on the rock. The drill bit receives its striking power from a piston inside the hammer that is powered by compressed air.

How do drill rigs work?

Conventional drilling rigs use the power of an electric motor or a diesel engine, which is transmitted to the turntable through the operating system to drive the drill bit connected to the drill rod to grind and cut the rock to achieve the purpose of drilling. This kind of drill first solves the ground power.

How do you drill a rock with a DTH hammer?

This method is mainly applied for hard to very hard rock and/or for penetrating large boulders. 1. Setting the DTH hammer with drill rod and casing on the drilling point. 2. Rotary and percussive drilling of the drill string under compressed air supply. 3. After reaching the final depth, unlocking of the drill rod with DTH hammer and pilot bit.

What is down-the-hole (DTH) drilling?

Down-the-hole (DTH) drilling has made it easier for contractors to drill wells faster and more efficiently, and to transition from dirt boring to rock boring just by adding a compressor and hammer to the drill bit.

How does DTH work?

It can be done on both hard and soft rock and is extensively used in the construction, oil and gas, and water well industries. DTH equipment consists of a drilling hammer and a piston-powered by compressed air. As the drill string rotates, the drilling hammer strikes down on the rock.

What is a down-the-hole drilling method?

The video shows the down-the-hole drilling method for very hard soil or rock. A rotary drilling rig, type LB 20, working with down-the-hole hammer inside a casing. A flushing current conveys the loosened drill cuttings upwards and exits at the upper end of the casing.

A DTH (Down-The-Hole) drilling rig is a powerful and efficient machine for creating boreholes in hard rock. It utilizes a pneumatic hammer positioned directly behind the drill bit, delivering ...

The DTH drilling rig is a semi-hydraulic vehicle and the basic functions are controlled by the hydraulic system. Therefore, the operation of the DTH drilling rig plays a ...

Discover the FASTEST Way to Drill DEEPER with DTH Rigs in our latest, action-packed video! ? Join us as



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we explore expert techniques, groundbreaking technologies, and industry secrets that...

A DTH drilling rig (Down-the-Hole drilling rig) is a type of drill used to bore holes deep into hard rock formations. The term "down-the-hole" refers to the location of the drill ...

This is one of excellent training video demonstrating the drilling process from start at surface casing to completing of the well in less than 7 minutes. This would be a good tool to ...

With a focus on the specific processes involved in geothermal drilling, geotechnical drilling, and water well drilling, these drilling videos enable you to see the differences between the various drilling rigs offered by SIMCO. A variety of geothermal drilling videos allow you to view Air Rotary DTH ...

HFQ65 Crawler DTH Drilling Rig
Drilling Diameter: 115-150mm
Drilling Depth: down 65m
Engine Power: 56kW
Rotary Torque: 3200N.m

We are the Manufacturer and seller of Kaishan Brand Drilling rig, integrated drilling rigs, I will share some drill rig video on the work site and the instruction ...

Early Bird Machinery EB360 crawler water well drilling rig operation tutorial English first video (a total of three operation videos), Early Bird Machinery, ...

In down-the-hole drilling a drill rod is fitted with a hammer at its lower end. The hammer, which is mounted on the drill bit, is activated through the addition of ...

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

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

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With a focus on the specific processes involved in geothermal drilling, geotechnical drilling, and water well drilling, these drilling videos enable you to see the differences between the various drilling rigs offered by SIMCO.

DTH drilling rig is a drilling machine that is commonly used for drilling rock anchor holes, anchor holes, blasting holes, grouting holes and other drilling operations in mining, ...



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The DTH (Down-the-Hole) drilling rig packs powerful performance into a compact design! With its advanced crawler chassis, it navigates tight job sites and rugged terrains with ease, reaching your ...

With the continuous development of modern engineering construction, DTH drilling rigs, as efficient drilling equipment, are widely used in various foundation engineering, mining, ...

DTH drilling rig is a drilling machine that is commonly used for drilling rock anchor holes, anchor holes, blasting holes, grouting holes and other drilling operations in mining, urban ...

DTH drilling rigs use impactors and drill bits that are submerged into the bottom of the hole to impact and crush the rock. Therefore, they are called down t...

KH712D open-pit down-the-hole drill adopts new hydraulic technology and is a powerful assistant for rock drilling in open-pit mining, road construction, water conservancy, power stations and ...

View more Integrated Down The Hole Drill Rig DTH Mining High Efficiency For Open Use, please visit We can provide Integrated Water Well Drilling Rig, ...

Surface DTH Drilling Rig Blasthole Drilling Machine Operation Show SD150 Surface DTH Drilling Rig Hole Diameter (mm): 90-152 DTH Hammer(inch): 3.5/4/5/ Dri...

DTH (Down-the-Hole) drilling is a powerful method widely used in both mining and construction for drilling deep holes into tough materials like rock and concrete.

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Follow the camera for an immersive experience of a crawler down-the-hole drill. First, admire the static appearance, then see the dynamic operation scene, and finally, delve into each part to gain ...

Oil and Gas Drilling: From Planning to Production This 2-hour video on DVD is the most comprehensive oil and gas drilling and completion video available. It ...

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Kaishan KT5D DTH drilling rig at the operation site. Equipped with an automatic rod changing device and a hydraulic dry dust removal system. The engineering ...

The electric down the hole drilling rig adopts high-performance motors with strong power; Equipped with



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engineering rubber tracks; The hydraulic system, comb...

Early Bird Machinery EB360 crawler water well drilling rig operation tutorial English third video (three operation videos in total), Early Bird Machinery, to...

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198 views o 6 years ago

Runbay DTH drilling rigs designed for blasting operations such as mining, transportation and national defense engineering. DTH drilling rigs can be widely us...

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