



Long boom down-the-hole drill rig

What is DL long-hole drilling rig?

DL long-hole drilling rigs are a kind of mining hydraulic drilling rig in underground mines project. Our production drill rig is mainly used for drilling blast holes of vertical, inclined, fan-shaped, and other deep hole layout operations.

What is a long-reach drill rig?

The long-reach drill rig series of machines are equipped with a long boom instead of kinematics, allowing the contractor to reach out when drilling. Drilling of the side of a highway or on big slopes for transmission lines are prime examples of the applications for these long-reach machines.

What is a long hole drill rig?

Long hole drill rigs may be diesel, electric, hand-held, hydraulic, pneumatic, rotary, track or wheeled. This unit is appropriate for those working in driller roles, at worksites within: Refer to Unit Descriptor. Not applicable. This unit contains employability skills. Elements describe the essential outcomes of a unit of competency.

How do I design a longhole drill plan?

The longhole drill plan design can be done using Deswik UGDB. The plan is sent to the i-Series longhole drills directly or through Sandvik DrillConnect when connectivity is limited. Operating manuals and spare parts can be found on the My Sandvik customer portal.

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 are the requirements of underground drill jumbo?

At the same time, the underground drill jumbo meets the requirements of sliding ore method, filling method, upward deep hole rock drilling, bottom pillar segmental mining method, and other deep hole rock drilling methods. Max. System Pressure (Bar) Max. Impact power (KW)

Dynamic Drill and Blast operate modern, low houred equipment, encompassing top- of-the-line hammer drill rigs and down-hole hammer drill rigs. This strategic investment ensures minimal ...

Flexibility, versatility and reliability Maximize productivity in small spaces with the Simba S7. This hydraulic long-hole drill rig is built for small spaces and tough drilling conditions. Increased ...

Leopard(TM) DI550 diesel-powered, down-the-hole (DTH) drill has enhanced mobility, a smaller footprint and can serve multiple sites. Designed for DTH blasthole drilling in mining, quarry and ...



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Our head also incorporates a long sacrificial inner tube for simplicity and to minimise air leakage and wear through the head components. Smith Capital Equipment has been manufacturing ...

Smith Capital Equipment has been manufacturing Auger and DTH drill rigs for over 4 decades and our products include auger and down-the-hole rigs. ...

The KS311 Hydraulic long-hole drilling rig is mainly used for blast drilling operations in medium-scale production drilling in underground mining ...

The long-reach drill rig series of machines are equipped with a long boom instead of kinematics, allowing the contractor to reach out when drilling. Drilling of the side of a ...

DD4-2b development drill rigs are a kind of mining hydraulic drilling rigs in underground mines project. This blast hole drilling rig machine is equipped with 2 PCS independent full hydraulic ...

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

Automatic anti-jamming function improves the adaptability to complex rock formations, maximizing prevention of jamming accidents. Our down-the-hole ...

Fully instrumented boom with electronic parallelism provides accurate positioning and stability during drilling for hole accuracy. DL422i offers up to 10% more ...

Sandvik DL421 is a versatile longhole drill rig engineered for large-scale production drilling in underground mines. It is designed for vertical and ...

DL2 DL2 long hole drill features a cantilever drill boom with an extendable arm, providing stability and versatility for long-distance drilling. The ...

Epiroc's drilling rigs offer a variety of feed lengths, positioning configurations, rock drills, and optional automated features for underground production drilling and ...

In long hole mining, deviation is mainly due to poor hole alignment, a lack of guide tubes, too-high feed, badly selected drill steel, poor collaring, deflection caused by various rock types or voids ...

Leopard(TM) DI550 diesel-powered, down-the-hole (DTH) drill has enhanced mobility, a smaller footprint and can serve multiple sites. Designed for DTH ...

Epiroc's Simba long-hole drilling rigs offer a variety of feed lengths, positioning configurations, rock drills,



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and optional automated features for underground production drilling.

The SmartROC D65 down-the-hole drill rig brings the future of mining within your reach today. Isn't it time you gave your operation the chance to profit from the added intelligence of the ...

Sandvik DL421, DL422i and DL422iE long-hole drills can be equipped with a longer (horseshoe) boom support for up to 45m; drilling module tilt in drilling fans or single long-holes.

Sandvik DL432i is a fully mechanized top hammer longhole drill designed for underground mass mining in 3.4 m x 3.4 meter or larger production drifts. It has a high-drilling capacity and offers ...

The reason customer want to drill the hole is that drill and blast is the most efficient and economic way to break rock instead of excavating it. ...

Description: Siton DL2 production underground drill rig with boom-mounted drill unit is designed for work in underground mining drifts with cross sections of 3x3-4.5x4.3m. Capable drilling ...

DL4 production drilling rig is developed for long hole mining can drill holes with diameter from 64mm to 89mm and maximum 41m deep. The suitable cross-sections (width x height) is from ...

The purpose of a down-the-hole drill rig is to drill large-diameter holes downwards, consisting of a jackhammer screwed to the bottom of a drill string. Like other drill rigs, the DTH breaks up the ...

The impact force of the top hammer drilling generated by the piston of the pump in the hydraulic drilling rig is transmitted to the drill bit through the shank joint and the drill rod, ...



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