



Atlas integrated down-the-hole drill video

What is Atlas Drilling?

Atlas Drilling, LLC is an independent oil and gas drilling contractor based in Woodward, Oklahoma with 10 drilling rigs in the Anadarko and Arkoma Basins. Our diverse rig fleet allows our clients to choose the right equipment to meet their needs. Atlas Drilling operates rigs capable of drilling depths ranging from 7,000 ft. to 25,000 ft.

What is Atlas Copco's new drilling rig?

Atlas Copco is introducing a new drilling rig, the SmartROC D60, which drills accurate quarry, construction and surface mining blastholes from 4" to 7 inches in diameter. The versatile down-the-hole (DTH) machine can also be used in toe-hole, dewatering and horizontal drilling applications.

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 drilling work?

With DTH drilling, contractors can change the drill that they were using for the current directional bore to a rock drill when they encounter rock by connecting the drill with a compressor and a steerable hammer. Well drilling also needed changes to be made to rotary drilling when the well needed to take a turn.

How long did it take to drill a 12,000 ft hole?

The original estimate for completion of a 12,000-foot hole was 30 days using the conventional rotary technique, which was reduced to 13 days using the DTH method. Before DTH was used, drillers would typically case the vertical portion of the well and convert to rotary drilling to drill at a tangent.

What is a DTH directional drill?

The DTH system is easy and quick to adapt to a directional drill and is considered one of the best and most effective methods to drill high-quality holes that are stable and straight. It can be done on both hard and soft rock and is extensively used in the construction, oil and gas, and water well industries.

Leopard (TM) DI650i is an intelligent diesel-powered, self-contained, crawler-mounted down-the-hole drill rig built for demanding high-capacity production drilling applications in surface mining and ...

In this video, we showcase the power of Down-the-Hole (DTH) drilling technology, a widely used method in both mining and construction for drilling deep holes...

Mankind is using hammer and chisel for rock-destruction since the stone age until today. This article shows which ideas and inventions were made in the past to put the hammering into an ...



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An Integrated DTH (Down-the-Hole) Drill Rig is an advanced drilling system designed for efficient and precise drilling in hard rock formations. It combines ...

Access detailed insights on the Integrated Down-The-Hole (DTH) Drill Rigs Market, forecasted to rise from 2.5 billion USD in 2024 to 4.1 billion USD by 2033, at a CAGR of 6.5%. The report ...

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According to our (Global Info Research) latest study, the global Integrated Down-The-Hole (DTH) Drill Rigs market size was valued at USD 1296.5 million in 2023 and is forecast to a readjusted ...

XQZ152 surface down-the-hole drill rig is a medium-sized integrated down-the-hole drilling machine mainly developed for quarries, cement mines, open-pit ...

The down-the-hole drill is a medium-sized integrated down-the-hole drill developed mainly for various types of mines such as quarries, cement mines, open-pit coal mines, etc. It can ...

This integrated down the hole drill rig combines air compressor and drilling functions, perfect for DTH boring machine operations in mining.

Middle East and Africa Integrated Down-The-Hole (DTH) Drill Rigs Market size was valued at USD XX Billion in 2024 and is projected to reach USD XX Billion by 2033, growing at ...

The characteristic of the down-the-hole drilling rig is that the special impactor works in the hole, and the impact energy transfer efficiency of this direct rotary drilling rig is high. The integrated ...

The Integrated Down-The-Hole (DTH) Drill Rigs Market size was valued at USD 2.5 Billion in 2022 and is projected to reach USD 4.

The Europe Integrated Down-The-Hole (DTH) Drill Rigs market has been witnessing substantial growth over the past decade. This growth is attributed to the increasing demand for drilling ...

Atlas Copco used INTERMAT to launch the Edge Drill Monitor - an innovative system of measuring shock waves from down-the-hole drilling. Information about the hammer ...

XQZ152 surface down-the-hole drill rig is a medium-sized integrated down-the-hole drilling machine mainly developed for quarries, cement mines, open-pit mines and other mines, which ...

Hengwang HQZ220L Mine drill ing rig with air compressor integrated drill ing machine HQZ hydraulic



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down-hole drill ing rig is a multi-functional drill rig driven by internal combustion ...

Having a knowledgeable and available world-class partner on site or online, makes the difference between doing it alone and tapping the experience and ...

The North America Integrated Down-The-Hole (DTH) Drill Rigs Market Segmentation Analysis provides a detailed examination of key market segments based on ...

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 ...

Let me take you on a journey. The top down-the-hole drill bit manufacturers are Sandvik, Epiroc (formerly Atlas Copco), Boart Longyear, ...

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. This technique ...

Quaise Energy showcased its millimeter wave drilling tech demo, aiming to unlock vast deep geothermal energy at extreme depths and temperatures.

This video we took ourselves is showing you the down the hole drilling method in a quarry in Germany. The drill rig is an Atlas Copco ROC L6-44 with on board...

Atlas Downhole Technology rents and sells Atlas high performance drilling motors to the North American oil and gas market. Engineered to be the most powerful ...

Quaise Energy showcased its millimeter wave drilling tech demo, aiming to unlock vast deep geothermal energy at extreme depths and ...

DTH hammer is used for drilling holes through a wide range of rock types, the variety of which continues to extend well beyond the original conception of early blast hole drilling. Down-the ...

Epiroc GIA full hydraulic down-the-hole drilling rig, adhering to ATLAS Group's leading technology, has high reliability and high drilling quality. It integrates down-the-hole drilling rigs ...

The DTH (Down-the-Hole) Drilling Rig Market is projected to experience steady growth, reaching significant milestones by 2032. These rigs are crucial in sectors such as ...



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