



# Underground drill rig videos

What are underground drilling rigs?

Underground drilling rigs are some of the most-used subterranean excavating tools around, and their uses are too many to cover in one article. We're going to scratch the surface by looking at a few types of underground drilling rigs, where and when they're used, and what they're capable of...

What is underground drilling?

The drilling is performed entirely underground with a drill that can be controlled and driven in any given horizontal direction, which makes this a preferable method for those owners of commercial properties who are in need of having additional utilities installed, including power, sewer, gas, water, or telecommunications.

What types of drilling rigs are available?

The drilling videos featured here on our website showcase the capabilities of various types of drilling rigs, including water well drilling, auger drilling, core drilling, and more.

What is the most efficient underground drill rig?

We have an impressive underground drilling fleet, including the new YU-1000-MC, the industry's most efficient underground drill rig. The YU-1000-MC is a computer-controlled wagon drill, fitted with positioning tables and a drill rod and core barrel handler that's ideal for all types of underground environments.

How deep is a drilling rig typically drilled?

Drilling rigs are typically drilled to a depth of around 40-45 meters. They are drilled straight for efficient charging and blasting. Once a pattern of holes has been drilled, the rig is moved back three meters, and drilling of the next pattern begins.

What are the different types of drilling rigs offered by Simco?

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 Hammer and Mud Rotary drilling.

We engineer an extensive range of underground drill rigs for mining development and production. Learn more about our underground drilling rigs.

Today's video offers an inside look at the intricate operations of an underground metal quarry. Watching the Epiroc Boomer Drill Rig in action, expertly handled by a skilled operator, is a...

The soaring need for infrastructure development and utility installations is driving the world underground where Vermeer can be found at the forefront of the HDD market. By listening ...



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Roughnecks at work smoothly running a Kelly drive drilling rig exploring for oil. They're making a connection or "pipe stab" to continue drilling downward.

In this short video Mr. Electric shows how directional boring works. Horizontal directional drilling (HDD) is a safe method of installing an underground pipe...

Browse 440+ underground drilling stock videos and clips available to use in your projects, or search for mining or oil well to find more stock footage and b-roll video clips.

An introduction to how Reverse Circulation drill rigs work and why we use them. The first in a series of practical skills videos for graduate geologists in t...

To increase productivity, efficiency, reliability and precision even further, the Boomer M20 S face drill rig has smart automation options available such as ...

Horizontal Directional Drilling provides the key elements for delivering quality workmanship underground directional drilling; drill rig, drill pipe, drill bit, mud ...

Underground rig, although it may sound like a complicated technical term, actually plays a vital role in the exploration and extraction of natural resources. In an ...

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As you look to stay ahead of the curve, particularly in the engineering world, tube drilling is a technology you need to seriously consider. ...

As of 2016 Geotech now operates a fleet of underground drill rigs. Designed to complete the most remote of drilling programs, our underground drill rig division is perfect for your next ...

Explore the precision and efficiency of the Sandvik DD422iE electric drill rig, a top-notch solution for development drill rigs in mining operations.

You need underground diamond core drilling solutions for both shallow and deep hole, small and large diameter core, including wireline and conventional.

This is one of the best drilling 101 videos showing you drilling process from the beginning phase to plug and abandonment phase. Not only do you learn about drilling, this video briefly shows the overall field development phase.



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The third part of the video covers development drilling and blasting practices; and the fourth part discusses production drilling and blasting. Target Audience Underground mine ...

Our most popular video for those who are interested in drilling their own water well by hand. Known as a "Large Bore" DIY water well, this video has step by step instructions and diagrams to educate you on every aspect of your well.

The aim of this video is to provide workers with the critical knowledge on drilling and blasting to aid appreciation of the importance of these mining processes ...

Watch and see how a deep water well is bored in a limestone landscape. See the rig in action, learn how bentonite clay is used to prevent surface water from seeping in around the casing, and see ...

Explore high-performance underground drill rigs and core drilling equipment built for efficiency, power, and durability in tough underground conditions.

The video displays the process of underground drilling and blasting from beginning to end. It also provides the safest techniques for drilling and blasting, including a wealth of safety tips.

The video features an introduction to the rock breaking process in mining, followed by a section on how to handle, store and transport explosive products. The third part of the ...

This video will review drilling and blasting fundamental concepts that are critical to achieving optimal rock breaking outcomes. All industry stakeholders - those keen to learn more about drilling and blasting in underground mines.

Underground drill rigs are our specialty. Explore one of our eleven jumbo drills, each differing in application, size, power system and number of booms.



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Web: <https://kwa-andries.co.za>