



How to convert an excavator into a down-the-hole drill

How does a down-the-hole drill work?

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 compressed air and driven into the ground - simultaneously rotating and impacting. A flushing current collects the loosened drill cuttings and conveys them upwards.

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.

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.

How does a rotary drilling rig work?

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. If you have any further questions, please contact our local sales or service team.

How does DTH hammer drilling work?

A flushing current conveys the loosened drill cuttings upwards and exits at the upper end of the casing. If you have any further questions, please contact our local sales or service team. DTH hammer drilling is a percussive drilling process powered by compressed air.

How does a hammer drill work?

The hammer, which is mounted on the drill bit, is activated through the addition of compressed air and driven into the ground - simultaneously rotating and impacting. A flushing current collects the loosened drill cuttings and conveys them upwards. This method is mainly applied for hard to very hard rock and/or for penetrating large boulders. 1.

A background project I've tinkered with for the last couple months seems to have turned out great. I converted an old Danuser PTO driven post ...

Hole digger attachments are intended for use on level ground, since uneven terrain can cause instability. But, of course, there are many ...



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An excavator drill is a specialized attachment that transforms your excavator into a powerful drilling machine. These attachments are designed to ...

Without affecting the function of the excavator, the excavator can be transformed into a hydraulic rock drill or a down-the-hole drill by using the excavator's built ...

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Hand Augers Hand augers are useful for excavating smaller holes or for sampling soil. They consist of a long metal rod with a spiral drill bit at the end, which is turned by hand to ...

A Down-the-Hole (DTH) hammer is a drilling tool that operates at the bottom of a drill string, using compressed air to power a piston and deliver high-impact energy, enabling ...

Let's dive deep into the world of drilling machines--no fluff, just practical insights, expert knowledge, and a few clever anecdotes to keep ...

Unearth the power of the mini excavator auger with us on choosing, installing, and using this versatile attachment for various tasks.

Discover the impact of Down the Hole Hammers (DTH hammers) in urban redevelopment projects. Learn how these specialized tools enable ...

1. Cost-Effective Solution: One of the main benefits of converting an excavator into a DTH drill is the significant cost savings. Instead of investing in a separate drilling rig, companies can ...

This attachment allows you to convert the power of your excavator into down-hole drilling and soil sampling by simply changing the standard ...

Excavator turns into a drilling rig in seconds to expand mechanical applications: Through simple modification, a conventional excavator can be converted into a DTH drilling rig ...

By combining the strength of an excavator with the precision of a DTH drill, these modified machines offer a unique solution for a wide range of drilling applications.



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When it comes to drilling, down-the-hole hammer drilling is a game-changer. This innovative technique involves using a hammer to break the rock, making it ...

Owner Operator - RC442 Put down your shovel and turn your skid steer or mini excavator into a post hole driller. Baumalight's RC442 auger drive is designed ...

By mounting the down-the-hole drill on the excavator and utilizing its hydraulic system, the excavator is transformed into a crawler-mounted drill rig, ...

An excavator drill is a specialized attachment that transforms your excavator into a powerful drilling machine. These attachments are designed to handle a variety of tasks, ...

Excavator converted to down the hole drill, excavation converted to hydraulic rock drill, mining roc Excavation-to-drilling rig [Subscribe](#) [Subscribed](#)

An auger is a drilling tool excavator attachment designed to drill a hole into the ground. Since drilling accurate holes is often critical, augers are ...

Transform your hand drill into a versatile drill press effortlessly with our comprehensive guide. Enhance precision and efficiency in your woodworking and DIY ...

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By attaching a core drill to your excavator, you can transform it into a powerful machine capable of handling demanding drilling tasks. One of ...

What To Know While the two tools serve distinct purposes, with a bit of creativity and the right accessories, you can bridge the gap between brute force and precise drilling. The ...



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