



# Large down-the-hole drill rig and excavator chassis

What is an excavator modular drill rig?

An excavator modular drill rig is a combination of an excavator and a drilling system, designed to perform drilling tasks in a variety of terrains and conditions. It leverages the versatility of an excavator's hydraulic system to power and control drilling functions, making it a mobile and adaptable drilling solution. Here's how the system works:

What is a rotary excavator rig?

Rotary rigs are often larger and heavier than modular excavator rigs, designed for deep foundation drilling and heavy-duty applications. These rigs are more specialized and dedicated to deep piling, drilling large-diameter boreholes, and working in a variety of soil conditions.

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 is a rotary drilling rig?

Rotary Rig: A rotary drilling rig is specifically designed for drilling purposes, with a dedicated chassis and a large mast that supports vertical drilling. The entire structure is optimized for high-torque rotary drilling and is not usually designed for other functions (e.g., digging or loading).

What is a leopard di650i drill rig?

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 large quarry applications.

What type of drill rig should I use?

Excavator Modular Drill Rig: Best suited for shallower to mid-depth drilling operations. The depth capability varies based on the excavator size and the drilling attachment, but it typically maxes out around 10 to 20 meters.

Center Rock offers the most complete line of dth hammers, drills, and bits which are designed for peak performance in all rock drilling applications.

Understanding Excavator Drill Rigs Excavator drill rigs are special attachments that convert normal excavators into powerful drilling machines. They are used in construction, ...



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Down-the-hole drilling rigs | Choosing the right drilling rig You could need a drilling rig for a multitude of applications, for example to drill a well to access a natural resource (water, oil, ...

Designed to drill holes from 165-250 mm (6.5-9.875 in) in diameter, the MD6250 is optimized for single-pass or multi-pass drilling in both rotary and down-the ...

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. ...

MW300 is a high efficiency and multi-functional down the hole water well drilling equipment, It can be used to drill water well, agricultural irrigation well, ...

ZEGA TOP-HAMMER AND DOWN-THE-HOLE DRILL RIGS Introducing the ZEGA Drill Rig, the pinnacle of efficiency and precision in drilling technology. ...

Outfit rig for air drilling or mud drilling when you choose the DM650. Rotary mud drilling or down the hole drilling for deeper wells and heavier steel.

The MR-5 ID is a hydraulic drilling unit for using 2? or 3? down-the-hole hammer, or rock drill weighing 58 kg with separate right and left rotation, provided with ...

Leading Manufacturer of Down-the-Hole (DTH) Drilling Equipment for Mining, Construction & Water Wells. Premium products at fair prices. Get a Quote Today!

1, Guangxi Yuchai diesel engine, strong power; 2, the patented design of the composite boom, double cylinder lift, long trip, high tonnage 3, Each rig is equipped with stoppers to raise the ...

Excavator Drills Canyon Equipment supplies rock drill attachments for any size, make or model of excavator and drilling equipment. Pneumatic or hydraulic ...

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 ...

are matched to over-all rig capacity. The single motor worm-gear head is rugged and compact for down-the-hole (DTH/ DHD) drilling with air and foam. Its floating spindle absorbs drilling ...

The EX130 Excavator attachment offers the mobility and reach of an excavator combined with the reliability, power and speed of a Watson Drill rig, making it useful in a wide range of applications.

The flushing drill fluid rises inside the drill rod and brings the drill cuttings to the surface. This technique can



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be used for soil or rock drilling. Down-the-Hole Drilling For very hard rock or to ...

A drilling machine, at its core, is a power-driven tool used to create holes in various materials--metal, wood, rock, or earth. Depending on the ...

It operates seamlessly with the drill rig, channeling the air or fluid down through the drill string. The down hole hammer then transforms this energy into a ...

The Comacchio CX line of exploration drilling rigs includes four truck-mounted rigs that range from lightweight compact units installable on small 4x4 trucks, up to 30-tonnes-pull rigs mounted on ...

Pantera(TM) DP1600i is an intelligent, diesel-powered, self-propelled, crawler-based surface top hammer drill rig with a comfortable cabin and rod-changer. ...

These rigs are excavator-based and have a modular drilling attachment installed on a standard excavator base. The modular drill system is mounted on the boom and arm of an excavator, ...

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

The SWDE drilling rig features long reach and large coverage area. When the drilling boom is unfolded, the main machine body is exposed to less harmful impact caused by drilling vibration ...

2.Multi-directional Drilling: Capable of vertical, inclined, and horizontal blasting holes in diverse geological conditions, featuring high hole-forming efficiency, low energy consumption, and eco ...

Down the Hole DTH Drill Rig for Mining and Solar Piling Heavy Duty Excavator Mounted Rock Drilling Equipment Industrial Grade No reviews yet Guangzhou Tianhe District Zhuji Dahan ...

Excavator Drills Canyon Equipment supplies rock drill attachments for any size, make or model of excavator and drilling equipment. Pneumatic or hydraulic drills with optional dust collection, ...

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

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