



# Rock Drill Assist

How does drill assist work?

Unlike traditional automated drilling platforms, the Drill Assist user interface is intuitive, and does not require extensive operator training. This empowers drill operators to improve hole quality, regardless of experience.

What is hexagon drill assist?

Capstone Copper is using Hexagon Drill Assist to improve blasting outcomes and enhance drill operator performance. Interactively explore your own life-of-mine journey to see how Hexagon leads to safer, more productive, more sustainable and more profitable mines across the entire mine site lifecycle, or contact us to discuss your unique challenges.

How can AI improve drilling performance?

AI algorithms monitor all input signals and determine the best parameters for a given ground type to avoid hole failure. This enables high-precision drilling, which produces better blasting outcomes. Automation removes the need for operator input, guaranteeing performance, regardless of drill operator experience.

Why do drill operators need automation?

Automation removes the need for operator input, guaranteeing performance, regardless of drill operator experience. Training only requires 15 minutes to complete. Leverages the existing OEM technology so drill operators can work with familiar controls, enabling a smoother, more cost-effective transition.

Discover the vital role rock drilling tools play in construction and mining. This article explores advanced technologies and materials that enhance power and precision, ...

Cat® drills provide the quality, reliability and productivity you expect from Cat machines. And when you take advantage of automated features like Drill Assist, you can take ...

HUROCKS is one of the professional company manufacturing and supplying premium quality Rock Drilling Tools like, Button Bit, Shank Adapter, Coupling, Drill Rod, and Drifter Parts.

Hexagon's Mining division is taking an exciting step forward in AI-based drill automation with the purchase of Drill Assist from Arizona-based Phoenix Drill Control LLC. ...

Touch screen navigation for Drill Assist, rearview camera, tram, water, rock drill auto-lube, alerts, drilling and target depth, angle inclinometer, penetration rate, machine performance, total hours, ...

High productivity and low cost of ownership is yours with the MD6240 Rotary Drill. With bit load force of 24 000 kg (52,911 lb) and the capability to drill depths up ...



## Rock Drill Assist

Experience the power and precision of the JRD30 Rock Drills, the ideal choice for construction and mining. Our rock drills offer unmatched efficiency and durability.

Rock drilling tools manufacturer ProDrill offers high quality mobile rock drills, pneumatic rock drills, vertical line driller, rock drilling tools and rock drill bits.

MINING Drill Assist's long road to Hexagon Curtis Stacy talks to James Stent about Drill Assist's long journey to its home with Hexagon James Stent Initial trials were conducted ...

Learn what an assistant driller does, how they operate and maintain the drilling equipment, supervise the drillers helpers, and ensure safety and efficiency on the rig.

Learn the best practices for operating a rock drill safely and effectively. We're here to share tips that enhance performance and help you tackle tough jobs confidently.

In the demanding environments of mines and tunnels, safety is of utmost importance, especially when it comes to drilling operations for blasting holes. Using the right rock drill accessories ...

What is a Kelly bar? A Kelly bar is a specialized component used in the construction and drilling industry, primarily in the drilling of deep foundation ...

When it comes to efficient and hassle-free drilling, the Drill Buddy is the perfect companion for overhead drills. Whether you're working on scaffolding, a ...

Grasping the nuances of these drill types can assist rock and fossil collectors in selecting the right equipment for their unique needs, thereby enhancing their ...

This happens several thousand times per minute in some cases and is much more effective than electric drills or core drills in rock and concrete. There are many things to consider when ...

Discover the vital role rock drilling tools play in construction and mining. This article explores advanced technologies and materials that ...

Learn how to effectively drill into tough rock surfaces with the right tools and techniques. Discover tips on selecting quality equipment, addressing common challenges like ...

Grasping the nuances of these drill types can assist rock and fossil collectors in selecting the right equipment for their unique needs, thereby enhancing their drilling efficiency. Pneumatic Rock ...

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A "Jackleg drill" describes a pneumatic handheld tool with a feed leg that is used in the mining industry to drill holes into rock (Clark et al., 2016). These drills may be used to ...

Caterpillar drills, including the MD6310, share a common platform, parts, components and technologies to enhance lifecycle value and streamline operator training, ...

Explore essential techniques and considerations for effective rock drilling! ? Learn about tools, methods, safety tips, and various applications. ?

Integrated Drill Assist functionality, including auto level, auto retract jacks, auto raise and lower mast, and auto drill Machine health and performance ...

Drilling Methods The components of a drill rig are (1) the rig itself, which supplies the power to mobilize, drill rock, and remove the drill cuttings from the hole; (2) the mounting; (3) the drill ...

ONLINE Drop Steps Custom Fit 2015-2025 Chevy Colorado/GMC Canyon Crew Cab Running Board Side Step Nerf Bar Rock Slider, Textured Black

During drilling operations, the mechanisms of drilling and rock fragmentation are predominantly facilitated by the application of thrust in the vertical direction by the drill rod, ...

Rock drilling tools manufacturer ProDrill offers totally 3 kinds of pneumatic mobile rock drills, also can design as customers" requirement. Available for horizontal, ...

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