

Excavator Mounted Rock Drill

This excavator-mounted rock drill expands the functions of excavators for drilling applications. The top hammer drill is engineered for high performance in construction and mining.



Product Overview

Details Images



XVT45E

The XVT45E is a flexible and versatile top hammer drill developed and engineered for high performance in demanding construction applications. This drilling rig is positioned to expand the functions of excavators and replace some integrated drilling rigs. It can achieve 360° full rotation, wide working radius, higher operational flexibility, large working range, and super off-road capability to ensure your high output and high productivity.

Mining machinery XUVOL XVT45E drill hole 89-115mm rock drill with automatic lever change crawler rock drill

The drilling rig is designed for 360° full rotation and superior off-road capability.

High-Performance Excavator Rock Drill

This versatile top hammer drill is engineered to expand the functionality of standard excavators, offering a powerful solution for mining, construction, and geotechnical engineering. Designed for high productivity in demanding terrains, it features 360° full rotation and a wide working radius. The system integrates advanced hydraulic controls and automated features to ensure precise hole quality and operational efficiency.

Technical Specifications

Operational dimensions including maximum drilling depth and height reach.

Drill Hole Diameter	102 mm
Drilling Range	89-115mm
Maximum Drilling Depth	3800 mm
Maximum Reach Height	3644 mm
Main Body Width	2600 mm

Key Features

Products Description

Advantages of the top hammer drill:

Reliable performance

Adopt international advanced rock drill, with core technology: drilling protection system, automatic measurement of drilling depth, automatic rod change, cold extrusion forming guide rail, imported Danfoss multi-way valve, dry dust removal system, superior design and internal Protection function, anti-blocking, anti-biasing, anti-air drilling, anti-jamming, improve the efficiency of perforation, and reduce consumption, reduce the risk of sticking, and prolong the service life of drilling tools.

Excellent operating performance

The cab design is simple, comfortable and safe, and the push beam is equipped with a double support drill and an automatic hydraulic rod unloader, which makes the operation faster and saves time, and the control in the drilling can reduce the drilling deviation and improve the straightness of the drilling, to ensure the hole quality.

Easy maintenance

The whole machine is protected by steel plate sealing, which is convenient for movement and maintenance. It has a safety system that automatically detects and alarms the engine operating temperature, fuel oil level, coolant level, hydraulic oil level and compressed air oil temperature until it automatically stops.
Mining machinery XUJVL XVT45E drill hole 89-115mm rock drill with automatic lever change crawler rock drill

Advanced control systems include automatic rod changing and drilling depth measurement.

Safety & Monitoring

- Automatic engine temperature monitoring
- Fuel and coolant level alarms
- Hydraulic oil level detection
- Compressed air oil temperature monitoring
- Automatic emergency shutdown

Core Technologies

Drilling Protection System, Automatic Rod Change, Cold Extrusion Guide Rail, Dry Dust Removal, Anti-Jamming System

Performance Metrics

Hydraulic cylinders allow for precise positioning and varied drilling angles.

Performance Highlights

360 °

Rotation Angle

95 °

Max Operating Angle