

Hydraulic Tunnel Drill Rig

This hydraulic tunnel drill rig is designed for efficient and precise drilling. It features a fully hydraulic drive system with top-drive head rotation, feed, and hoist.



Overview

High-Performance Hydraulic Tunnel Drill Rig

This hydraulic tunnel drill rig is engineered for precision and efficiency in demanding tunneling environments, including mining and infrastructure construction. It features a versatile top-drive head system capable of handling various drilling methods such as diamond, PDC, and DTH drilling. Built with a heavy-duty steel frame, the rig ensures stability and durability, while its adaptable power configuration allows it to meet specific project requirements.

Drilling Performance

Supported Drilling Methods	Diamond drill bit, PDC bit, DTH drilling
Drilling Capacity	20 - 50 m
Drill Hole Diameter	156 - 191mm
Drilling Angle	Any angle

Mechanical Specs

Drill Rod Dimensions	150x 1000 mm
Top-Drive Head Stroke	1200 mm
Max Push/Pull Force	20 kN

Power & Output

Top-Drive Head Performance

Motor Type	Speed (r/min)	Torque (N.m)
100ml/r	I: 0-700 / II: 0-350	I: 215 / II: 430
305ml/r	I: 0-230 / II: 0-115	I: 655 / II: 1300

Standard Power	15 kW
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