

Tunnel Drilling Rig for Coal Mining

This tunnel drilling machine is suitable for tunnel engineering drilling with diamond bits and tungsten carbide bits in coal mining. It is developed based on the DSHY-2PC drilling rig of spindle type core drilling.



Overview

High-Performance Tunnel Drilling Rig

This tunnel drilling rig is a robust and versatile machine engineered specifically for demanding drilling operations in tunnel construction and coal mining environments. Designed for reliability, it features a powerful motor, a sturdy frame, and a precise drilling mechanism with hydraulic controls for smooth, efficient handling. Its compact design ensures excellent maneuverability, making it ideal for use in confined spaces and various rock or soil conditions.

Compliance

MA Certified

Rotation Performance

Rotation Table Specifications

Parameter	Value
Rated Speed (r/min)	162 / 330 / 584 / 1190
Rated Output Torque (N-m)	800 / 360 / 205 / 90
Rated Reverse Speed (r/min)	196
Rated Reverse Output Torque (N-m)	560

Drilling Mechanics

Spindle Performance Metrics

30 kN Max Push Force	42 kN Max Pull Force	500 mm Max Feed Stroke
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Hoist and Cable Specifications

- Max. pull force of hoist with single: 10 kN
- Drum diameter: 1180mm
- Wire rope diameter: 110mm