

Spindle Geological Drilling Machine

This geological drilling machine is used for drilling in railroad, highway, tunnel, and power station foundation projects, as well as civil and industrial buildings. It features a spindle type design, mechanical transmission, hydraulic feeding, and a steel skid frame.



ADDITIONAL IMAGES



Overview

Professional Geological Drilling Solution

This Spindle Geological Drilling Machine is a versatile and robust instrument engineered for precise geological surveying and mineral exploration. It features a dual-power configuration, offering both diesel and electric motor options to ensure operational flexibility in various field and laboratory environments. With adjustable drilling angles and multiple speed settings, this machine provides the accuracy and efficiency required for demanding construction and research projects.

Performance Metrics

Key Performance Indicators

1000 Nm

Max Torque

27 KN

Max Pull Force

450 mm

Spindle Stroke

14.7 KN

Max Hoisting Force

Technical Capabilities

Drilling Parameters

Parameter	Available Options/Range
Hole Diameters	150, 130, 110, 91, 75 mm
Drilling Capacity	30, 50, 70, 100, 150 m
Angle Range	0-90°
Spindle Speeds	90, 191, 360, 600 r/min
Hydraulic System	CB32 gear oil pump

Power & Mechanics

Power Options

- Diesel Engine: S1100A, 2200r/min, 11KW
- Electric Motor: Y160M-4, 1460r/min, 11KW

Physical Attributes

Weight (Excl. Power)	500 kg
Overall Dimensions (L×W×H)	1560x620x1205 mm