

Medium-Shallow Core Drilling Rig

This drilling machine is designed for medium-shallow depth core sampling. It is suitable for demanding drilling tasks in various industries.



Product Overview

Versatile Drilling Performance

This medium-shallow core drilling rig is engineered for diverse applications, including geological exploration, engineering geology, water well drilling, and hydrographic projects. Its compact and lightweight design ensures ease of operation, while the automatic hydraulic chuck system allows for efficient drilling without the need for constant stopping. Operators can rely on integrated digital meters to monitor drilling speed, pressure, and mud pressure in real-time, ensuring precision and safety throughout the process.

Core Specifications

| | |
|-------------------|--------|
| Drilling Capacity | 500 m |
| Angle Range | 0-90° |
| Spindle Stroke | 400 mm |

Performance Metrics

Key Operational Metrics

3210 Nm

Max Torque

70 KN

Max Pull Force

50 KN

Max Push Force

30 KN

Hoist Lift Capacity

Technical Details

Spindle Speeds

| Direction | Speeds (r/min) |
|-----------|--|
| Forward | 69, 120, 189, 261, 326, 567, 895, 1235 |
| Reverse | 54, 255 |

Power Unit Options

- Electric Motor: Y180L-4 22KW
- Diesel Engine: 395K2 19.85KW

Oil Pump Model

CBK1012-8-B3F

Features

Key Features

Automatic Hydraulic Chuck, Digital Monitoring, Compact Design, Dished Spring-Lever Chuck