

# 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
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## Features

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