

# Geological Exploration Drilling Machine

This drilling machine is suitable for geological drilling for railroad, highway, bridge tunnel, foundations of power station, civil and industrial buildings. It can also be used for drilling anchoring holes and blasting holes.



## Overview

### Compact Geological Drilling Solution

This versatile drilling machine is engineered for high-performance geological exploration and mineral prospecting. Its robust design and compact footprint allow for efficient operation in confined spaces and challenging environments. Equipped with a reliable diesel power unit and precise control systems, it offers the durability and maneuverability required for shallow water well drilling and various exploration tasks.

## Drilling Performance

### Final Hole Diameters

- 150
- 130
- 110
- 91
- 75

### Drilling Capacity

- 20
- 30
- 50
- 70
- 100

### Angle Range

0-90°

## Mechanical Specifications

### Spindle Speeds

- 99
- 236
- 378

### Max Torque

**620 Nm**

Max Torque

### Spindle Max Pull Force

15 KN

### Spindle Stroke

400 mm

### Max Hoist Lift Force (Single Rope)

10 KN

## Power and Hydraulics

Oil Pump Model	CB3-10-CFPL gear oil pump
Engine Type	Diesel engine
Engine Specifications	195 Model, 2000 r/min, 8.8 KW