

50m Kelly Bar Rotary Drilling Rig

The drilling rig achieves a maximum drilling depth of 45 meters and a drilling diameter from 600-2000mm. Widely used in high-rise construction and port piling, it is equipped with a Cummins engine.



ADDITIONAL IMAGES



Product Overview

Versatile Foundation Solution

This rotary drilling rig is engineered for small to medium-sized foundation construction projects, including highways, bridges, and high-rise buildings. It features a robust design capable of deep hole forming for cast-in-place concrete piles. Equipped with advanced hydraulic systems and a powerful engine, it ensures high efficiency, energy savings, and reliable performance in demanding soil conditions.

Performance

Primary Applications

- Highway Foundation Construction
- Railway Foundation Construction
- Bridge Construction
- Port Foundation Projects
- High-rise Building Foundations

Maximum Drilling Depth	50 m
Supported Drill Pipe Types	Friction Type, Mechanical Locking

Chassis & Engine

Emission Standard	Euro III
Chassis Type	Heavy-duty hydraulic crawler

Hydraulic System

System Features

- Threshold power control
- Negative flow control
- High energy efficiency

Operator Environment

Cab Comfort & Controls

- Noise-proof design
- Adjustable seating
- Air conditioning
- Internal and external lighting
- Color LCD display

Certifications

Quality Standards

ISO 9001, SGS, CNAS