

Portable Core Drilling Rig

This core drill rig is designed with a walking device for convenient movement. It is small and light-weighted, and mainly used in shallow and medium deep diamond and tungsten drilling.



Overview

Versatile Core Drilling Rig

This portable core drilling rig is engineered for high-performance geological exploration and mineral prospecting. Featuring a robust electric motor and precise control systems, it offers exceptional stability and drilling accuracy across diverse terrains. With a wide range of spindle speeds and significant pull force, this machine is a reliable solution for demanding drilling operations requiring durability and efficiency.

Drilling Performance

Drilling Capacity

Rod Diameter	Depth Capacity
173	100
160	320
150	380
142	530

Forward Spindle Speed

- 65
- 114
- 180
- 248
- 310
- 538
- 849
- 1172

Reverse Spindle Speed

- 51
- 242

Max Torque 2900 Nm

Angle Range 0-90°

Mechanical Specifications

Spindle Max Pull Force	60 KN
Spindle Stroke	600 mm
Spindle Inner Diameter	76 mm
Hoist Max Lift Capacity (Single Rope)	30 KN

Power and Hydraulics

Power Unit	Electric motor Y180L-4, 22Kw
Oil Pump Model	CBK1020/8 Twin-gear oil pump