

Hydraulic Core Drilling Rig

This drilling rig is derived from the xy-2 drillrig, maintaining its performance capabilities. It features a spindle inner hole diameter of 96mm, making it suitable for constructions of hydroelectric power stations, highways, railroads, and harbors.



Overview

Hydraulic Core Drilling Rig

This hydraulic core drilling rig is engineered for high-performance geological exploration and core sampling tasks. It features a robust hydraulic system for precise control and a versatile power unit compatible with both electric and diesel options. Designed for stability and adaptability, this rig is capable of handling various rod sizes across a wide range of drilling depths.

Drilling Performance

Drilling Capacity by Rod Size

Rod Diameter	Max Depth
173	100
160	200
150	380
142	530

Spindle Speed

- 57
- 99
- 157
- 217
- 270
- 470
- 742
- 1024

Reverse Spindle Speed

- 45
- 212

Technical Specifications

Maximum Torque	2760 Nm
Angle Range	0-90°
Spindle Max Pull Force	60 KN
Spindle Stroke	600 mm
Hoist Max Lift Capacity (Single Rope)	30 KN
Spindle Inner Diameter	76 mm

Power System

Electric Motor Specification	Y180L-4, 22Kw
Diesel Engine Specification	395K2, 19.85Kw