

Hydraulic Anchoring Drill Rig

The hydraulic anchoring drill rig is used for drilling soil and rock anchoring holes. It is also suitable for supporting in deep foundation pits, mini-grouting pile holes, and high-pressure jet grouting.



Overview

Hydraulic Anchoring Drill Rig

This hydraulic anchoring drill rig is a versatile and robust solution designed for high-performance drilling and anchoring operations. With a flexible power system supporting both electric and diesel options, it offers reliable performance across diverse site conditions. Its adjustable mast and drill head configurations ensure precision, stability, and efficiency for demanding geotechnical and construction projects.

Drilling Performance

Drilling Capabilities

110 mm

Min Hole Diameter

200 mm

Max Hole Diameter

100 m

Max Drilling Depth

Drilling Angles

Elevation 20°, Depression 100°

Power System

Power Specifications

Type	Model	Rating
Electric Motor	Y200L2-2	37Kw / 2950r/min
Diesel Engine	CC490Q	36Kw / 2800r/min

System Pressure

20 Mpa

Drill Head Specs

A-Type Drill Head Performance

Series	Speed (r/min)	Torque (Nm)
I Series	0-100	1600
II Series	0-30	5000

B-Type Drill Head Performance

10 r/min

Speed

6400 Nm

Torque

Mechanical Specs

Lift and Feed Capabilities

- Lift/Feed Speed: 0-0.16 / 0-0.21 m/s
- Max Pull Force: 80,000 N
- Max Push Force: 57,000 N
- Max Feed Stroke: 2,000 mm

Weight and Mounting

- Drill Body Weight: ~1800 kg
- Powerpack Weight: ~700 kg
- Mount Type: Plate mounted (separated body and power)
- Mast Raised Height: 300 mm