

Hydraulic Anchoring Drill Rig

This hydraulic anchoring drill rig uses hydraulic transmission, separating the body from the power pack. Main hydraulic components are imported to enhance the drilling operations.



Overview

Professional Hydraulic Anchoring Drill Rig

This hydraulic anchoring drilling rig is engineered for high-performance drilling across construction, mining, and geological exploration sectors. Featuring a robust hydraulic system powered by an electric motor and variable oil pump, it delivers precise control and reliable power. Its versatile design supports multiple drilling capacities and speeds, ensuring adaptability for various site requirements.

Drilling Performance

Drilling Capacity

| Hole Diameter | Max Depth |
|---------------|-----------|
| 110mm | 100m |
| 120mm | 80m |

Top-Head Performance

| Series | Speed (r/min) | Torque (N.m) |
|-----------|---------------|--------------|
| Series I | 0-140 | 1400 |
| Series II | 0-50 | 3500 |

Hydraulic System

| | |
|-----------------------|---------------------------------------|
| Power Pack Type | Electric motor with variable oil pump |
| Rated System Pressure | 20 Mpa |

Operational Metrics

Feed and Lift Specifications

50000 N
Max Pull Force

34000 N
Max Feed Force

1800 mm
Max Stroke

Operational Speeds

- Lift speed: 0-0.12 m/s
- Feed speed: 0-0.19 m/s