

# Anchoring Drilling Rig

This drilling rig is mainly used for soil and rock anchoring. It is also useful for consolidating and strengthening the foundation of highways and dams and retaining walls.



## Overview

### Versatile Anchoring Drilling Solution

This anchoring drilling rig is a robust and versatile piece of equipment engineered for high-precision anchoring and drilling operations. Featuring a powerful top-drive mechanism mounted on a sturdy, stable frame, it is designed for efficiency across construction, mining, and geotechnical applications. With adjustable support legs and hydraulic controls, this rig offers reliable performance and stability in various challenging terrains.

## Drilling Performance

Hole Diameter Range	110 mm
Drilling Capacity	30-60 m
Maximum Torque	2800 Nm
Angle Range	Electric motor: 0-180°; Diesel engine: 0-90°

## Mast & Travel

### Mast Specifications

Mast Type	Travel (mm)	Rod Length (mm)
Normal Mast	2300	2000
Shorter Mast	1500	1200

## Top-Drive Head Speeds

### Top-Drive Head Speed Configurations

Series	Type	Speeds (r/min)
Low	Electric Forward	32; 59; 108; 187
Low	Diesel Forward	40; 74; 135; 233
Low	Reverse	26 (Electric) / 32 (Diesel)
High	Electric Forward	59; 110; 200; 343
High	Diesel Forward	74; 138; 250; 429
High	Reverse	48 (Electric) / 60 (Diesel)