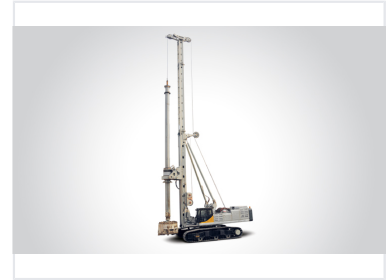


# Caterpillar Rotary Drilling Rig

The YTR420 type caterpillar rotary drilling rig is a product innovation in the large rotary drilling series. It has strong construction capabilities and a wide scope of use.



## Overview

### High-Performance Rotary Drilling Rig

This large-scale rotary drilling rig represents a major innovation in foundation engineering, featuring a reinforced triangle-support structure and a powerful triple-motor drive system. Engineered for exceptional versatility, the machine offers a maximum drilling depth of 120 meters and a pile diameter capacity of up to 3000 mm. Its robust design combines a specialized box cross-section mast with a high-stability chassis to ensure consistent performance in demanding construction environments.

## Performance Metrics

### Operational Capacity

**120 m**

Max Drilling Depth

**3000 mm**

Max Pile Diameter

## Technical Specifications

### Structural Design

- Triangle-support structure
- Box cross-section mast
- Reliable small luffing mechanism
- High-stability chassis

### Power Head Configuration

Triple motor reducer drive with single primary volume Yang reducer control

### Series Models

YTR180B, YTR280D, YTR280C, YTR280B, YTR260B, YTR220B, YTR200C, YTR100, YTR420