

# Hydraulic Auger Drilling Rig

This hydraulic auger drilling rig is designed for efficient pile driving. It offers high mobility, construction efficiency, and stability.



## Overview

### High-Efficiency Hydraulic Auger Drilling Rig

The hydraulic foot-step auger drilling rig is a versatile piling machine designed for high mobility, efficiency, and stability in diverse construction environments. It utilizes a bore-forming long auger system that allows for simultaneous hole-forming and pore-forming, or dry boring via grouting replacement methods. This equipment is engineered for demanding applications including urban pile foundation engineering, deep foundation pits, and dam anti-seepage projects.

## Technical Specifications

### Drilling Diameter

**300 mm**

Min Diameter

**1500 mm**

Max Diameter

### Drilling Depth

**10 m**

Min Depth

**35 m**

Max Depth

## Applications

### Primary Applications

Pile Foundation Engineering, Deep Foundation Pit Projects, Flood Protection Engineering, Dam Anti-seepage, Civil Building Construction

## Operational Features

### Drilling Methods

- Bore-forming long auger (mud pumping)
- Dry boring
- Grouting replacement method

### Operational Advantages

High Mobility • High Efficiency • High Security • High Stability