

# Hydraulic Static Pile Driver for Foundation Installation

The hydraulic static pile driver provides an eco-conscious solution for foundation piling projects. This machinery delivers high construction speed and reliable performance with minimal vibration and noise.



## Overview

### Eco-Friendly Foundation Solutions

The HJYZ series Hydraulic Static Pile Driver is an advanced foundation machinery solution designed for high-efficiency, low-impact construction. By utilizing hydraulic force rather than impact, these machines operate with minimal noise and vibration, making them ideal for urban environments and sensitive project sites. The series offers nearly 30 models ranging from 80 to 1,200 tons, ensuring a precise match for diverse foundation requirements.

#### Key Features

No Vibration, No Noise, High Construction Speed, Energy-Efficient, Multipoint Isopressing

## Performance Metrics

### Performance Overview

**1200 tons**

Max Series Capacity

**6.7 m/min**

Max Pile Pressing Speed

**8 deg**

Rotate Angle

## Technical Specifications

### Model Comparison

Specification	HJYZ180	HJYZ240	HJYZ320	HJYZ460
Max Static Pressure (tf)	180	240	320	460
Max Pile Pressing Speed (m/min)	5.5	5.5	6.7	4.1
Overall Weight (t)	185	245	325	470

### Pile Handling

- Compatible with H-steel piles
- Capable of side pile installation
- Capable of corner pile installation
- Max Round Pile Jaw capacity: 400-600mm
- Max Square Pile Jaw capacity: 400-550mm