

# Highway Guardrail Post Driver

This specialized machine is designed for the efficient installation of guardrail posts along highways and roadways. Its robust hydraulic system powers a pile-driving mechanism, ensuring reliable performance.



## ADDITIONAL IMAGES



## Overview



The pile driver features a robust hydraulic system and all-terrain capabilities for reliable performance in various construction environments.

## High-Performance Guardrail Installation

This hydraulic highway guardrail installation pile driver is a specialized, self-propelled construction machine designed for the efficient and precise installation of guardrail posts along highways and roadways. Featuring a robust hydraulic system and a vertical mast assembly, it delivers controlled impact force to ensure secure pile placement across various ground conditions. With its all-terrain capabilities, four-wheel drive, and intuitive operator controls, this unit is engineered to maximize productivity while maintaining safety and durability on demanding construction sites.

## Physical Dimensions

Dimensions	3400 x 2260 (Folded: 2600) x 2600 (Working: 4200) mm
Chassis Width	1800 mm
Net Weight	4300 kg

## Performance Metrics

### Piling Efficiency

**2500 mm/min**  
Piling Efficiency

**1200 J**  
Hammer Force

Working Speed 20 km/h

Grade Ability 0~26°

## Engine & Power

Engine Power 33KW / 53KW

Engine Speed 2300 r/min

Electric Voltage 24 V

## Hydraulic System

System Pressure 20 Mpa

Hammer Model YC360

Impact Frequency 400-800 bpm

## Operational Features

Drive Mode  
Four-wheel drive

Turning Circle Radius 4000 mm

Braking System Dead air brake four-wheel brake