

Highway Guardrail Pile Driver with Air Compressor

This highway guardrail pile driver integrates an air compressor for efficient operation. It is designed for the installation of guardrails along highways and roads.



ADDITIONAL IMAGES



Overview

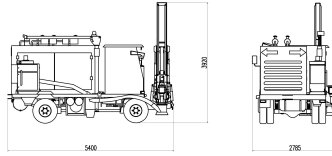


The pile driver features an integrated screw air compressor and a stable, multi-wheel chassis for climbing and navigating uneven terrain.

High-Efficiency Highway Pile Driver

The HXT series highway guardrail construction pile driver is a self-propelled, integrated machine designed for precision installation of guardrails. Featuring a combined hydraulic system and powerful air compressor, it offers a self-contained solution for drilling and pile driving across various soil conditions. Engineered for stability and productivity, this equipment includes advanced features like a double-engine configuration and a comfortable operator cab, making it an essential tool for large-scale highway construction and maintenance projects.

Technical Specifications



Dimensional diagram illustrating folded and working configurations for transport and operation.

Machine Dimensions

State	Dimensions (L*W*H)
Folded	5600*2250*2600 mm
Working	5600*2650*3970 mm

Physical Properties

7000 kg
Vehicle Weight

2150 mm
Chassis Body Width

3000 mm
Turning Radius

Adjustable Angles

- Slide guide rack inclination: Left 30° / Right 10°
- Frame front/rear adjusting angle: ±12°

Performance



Essential components including hydraulic hammer, rotary motor, and drill rod assemblies for reliable maintenance.

Hydraulic Hammer Performance

Metric	Value
Hammer Type	YC260/YC360
Working Flow	50-90 l/min
Pressure	11-14 / 12-15 Mpa
Shock Frequency	400-800 Bpa
Hitting Force	6-8 / 7-14 T

Drilling Capabilities

1700 mm
Drilling Depth

300 mm
Max Drilling Diameter

2500 mm/min
Max Driving Efficiency

Engine & Mobility

Engine Power

132 Kw

Drilling Engine Power

53 Kw

Pile Driving Engine Power

Mobility & Drive

Four-wheel drive, Four-wheel type air brake, 7.5-16 Tire type