

Single Drum Vibratory Road Roller

This single drum vibratory roller is designed for soil compaction and asphalt paving. It features a steel drum, a powerful engine, and a comfortable operator cabin.



Overview

High-Performance Single Drum Vibratory Road Roller

This 16-ton single drum vibratory road roller is engineered for demanding soil compaction and infrastructure development projects. It features an open-loop hydraulic vibration system and a robust mechanical drive, ensuring reliable performance across varied terrain. With a 30% gradeability rating and precise steering control, this machine delivers consistent results for professional construction environments.

Performance Metrics

Key Compaction Metrics

16000 kg

Operating Weight

310 kN

Max Centrifugal Force

360 N/cm

Static Linear Load

Compaction Details

Parameter	Value
Frequency	28 Hz
Nominal Amplitude	1.9 / 0.9 mm
Centrifugal Force	310 / 190 kN

Technical Specifications

Engine Specifications

- Rated Power: 110 kW at 2000 rpm
- Min Fuel Consumption: 235 g/kW•h

Dimensions & Maneuverability

Feature	Measurement
Overall Dimensions (L*W*H)	6140 * 2300 * 3365 mm
Drum Width	2120 mm
Drum Diameter	1520 mm
Min. Ground Clearance	420 mm
Min. Steering Radius	6300 mm

Capacities & Systems

Fluid Capacities

250 L

Fuel Tank

140 L

Hydraulic Tank

Drive & Braking Systems

Mechanical Drive, Open-loop Hydraulic Vibration, Air Booster Caliper Rear Axle Brake, Shaft Controlling Gear Box Brake