

14-Ton Single Drum Vibratory Road Roller

This 14-ton single drum vibratory road roller features a high static line load and exciting force. It is suitable for compacting pebbles, sandy soils, moraine soil, blasting rock, and clayey soil in large projects.



ADDITIONAL IMAGES



Overview

High-Performance 14-Ton Vibratory Roller

This 14-ton single drum vibratory roller is engineered for heavy-duty compaction tasks, including soil, sub-base, and asphalt materials. It features a robust high-strength frame and a reliable hydraulic vibratory system designed for consistent performance across diverse construction projects. With a spacious operator cabin and user-friendly controls, this machine balances power, efficiency, and operator comfort for infrastructure and road building applications.

Performance Metrics

Rated Power

103 kW

Rated Power

1800 r/min

Rated Speed

Compaction Capabilities

Metric	Value
Static Line Load	315 N/cm
Vibration Frequency	28/33 Hz
Theoretical Amplitude	1.9/0.95 mm
Exciting Force	274/190 kN
Compaction Width	2130 mm

Technical Specifications

Weight Distribution

- 14000
- 7300
- 6700

Operating Speeds

Direction	Gear I	Gear II	Gear III
Forward (km/h)	2.85	5.08	11.17
Backward (km/h)	2.88	5.02	0

Dimensions & Geometry

Maneuverability & Clearance

- 3040
- 6800
- 431

Overall Dimensions	6150 x 2300 x 3200 mm
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Theoretical Gradeability	30 %
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