

# 12-Ton Single Drum Vibratory Road Roller

This 12-ton single drum vibratory road roller is a self-propelled, full-hydraulic machine. It offers high compaction efficiency and quality for various construction projects.



## ADDITIONAL IMAGES



## Overview



Professional-grade 12-ton vibratory roller for road construction and pavement maintenance.

### High-Efficiency 12-Ton Vibratory Roller

This 12-ton self-propelled, full-hydraulic vibratory roller is engineered for superior compaction performance across large-scale projects like highways, airport runways, and dams. It features a reliable turbocharged engine and an advanced closed hydraulic drive system that provides excellent gradeability and infinite speed control. Built for durability, the unit is designed to handle a variety of materials including asphalt, sandy soil, and semi-cohesive substrates with high efficiency.

## Technical Specifications

Operating Weight	12000 kg
Front Drum Load	6700 kg
Rear Axle Load	5300 kg

## Performance Metrics



Optimized vibration system for achieving high-density compaction in various soil types.

Static Linear Pressure	308 N/cm
Vibration Frequency	30/35 Hz
Nominal Amplitude	1.8/0.9 mm

## Key Features



The machine features a robust engine and a comfortable operator cabin designed for long-term productivity.

### Braking Systems

- Drive axle integrated brake
- Wet type front drum reducer brake
- Closed hydraulic system emergency brake
- Parking brake

### Suitable Applications

Highway Construction, Railway Embankments, Airport Runways, Dam Construction, Asphalt Pavement