

# Heavy-Duty Vibratory Road Roller

This super heavy-duty vibratory roller offers performance for operation, propulsion, and compaction. The mechanically driven machine sets standards for reliability and serviceability.



## Overview

### Heavy-Duty Vibratory Roller

This high-performance vibratory roller is engineered for demanding soil compaction and road construction projects. It features an advanced mechanical drive system, a high-power six-cylinder turbocharged engine, and dual-frequency vibration settings to ensure uniform and efficient compaction across diverse job sites. The machine is designed with operator ergonomics and safety in mind, featuring an intuitive control layout and a wide-opening maintenance hood for superior serviceability.

## Performance

### Key Performance Metrics

**20000 kg**

Operating Weight

**136 kW**

Rated Power

**516 N/cm**

Static Linear Load

### Compaction Parameters

Metric	High Amplitude	Low Amplitude
Vibration Frequency (Hz)	33	28
Nominal Amplitude (mm)	1.86	0.93
Excitation Force (kN)	374	290

## Engine & Drive

### Engine Specifications

- Model: SC8D185G2B1
- Type: Six-cylinder, direct injection, water-cooled, turbocharged
- Rated Speed: 2000 r/min
- Oil Consumption: 223 g/kW.h

## Safety & Operation

### Safety Features

Caliper disc service brakes, Band type parking brakes, Anti-slip handrails, Articulated locking device, Brake and clutch protection