

20-Ton Single Drum Vibratory Road Roller

This 20-ton vibratory road roller is designed for compacting base and sub-base layers in road construction. It is suitable for high-grade roads, airports, ports, dams, and industrial construction sites.



ADDITIONAL IMAGES



Overview



Heavy-duty single drum road roller in operation.

High-Performance Compaction

This 20-ton single drum vibratory roller is designed for heavy-duty compaction of base and sub-base layers across diverse infrastructure projects, including highways, airports, and dams. It features a powerful water-cooled engine and a closed-type hydraulic system, ensuring exceptional reliability and uniform pressure distribution. With an intuitive multi-speed transmission and advanced vibration technology, this machine delivers consistent performance in demanding construction environments.

Key Metrics

Compaction Performance

20000 kg

Operating Mass

621 N/cm

Static Line Load

Technical Specifications



The operator cabin provides excellent visibility and ergonomic control.

Mass Distribution

Component	Mass (kg)
Driving Wheel	13500
Vibration Wheel	6500

Vibration Parameters

- Frequency: 28/33 Hz
- Theoretical Amplitude: 1.86/0.93 mm

Features



Robust design engineered for road basis construction and soil compaction.

Key Features

Water-cooled engine, 4-speed transmission, Anti-skid differential, Dual vibration frequency, Closed-type hydraulic system