

Single Drum Vibratory Roller

This single drum vibratory roller utilizes a mechanical axle travel mechanism and electric-operated hydraulic dual amplitude device. It also features hydraulic articulated steering and dual braking systems for safety.



Overview

High-Performance Compaction

The MYS207 single drum vibratory roller is engineered for demanding soil and asphalt compaction tasks. With a 7000 kg operating mass and a 1700 mm drum width, it delivers consistent and reliable results on construction and road maintenance sites. Its robust design and 42 kW engine provide the power and stability required for efficient operation.

Performance Metrics

Operating Mass

7000 kg

Operating Mass

70 kN

Centrifugal Force

42 kW

Engine Power

Vibration Specifications

- Vibration amplitude: 0.4 mm
- Vibration frequency: 50 Hz

Technical Specifications

Drum Dimensions

Parameter	Value	Unit
Drum Width	1700	mm
Drum Diameter	1220	mm
Static Linear Load	215	N/cm

Mobility and Clearance

- Max. travel speed: 13 km/h
- Grade ability: 25%
- Min. turning radius: 5000 mm
- Min. ground clearance: 320 mm
- Wheelbase: 2750 mm

Engine Model	A498BG
Overall Dimensions	5180 x 1920 x 2830 mm