

Storike ST1000 Vibratory Road Roller

Technical Specification Sheet & Product Profile

The Storike ST1000 is a high-performance 1-ton (1000 kg) double-drum vibratory road roller engineered for compaction of asphalt surfaces, gravel, sand, and other engineering foundations. Featuring a fully hydraulic drive system and compact footprint, it is optimized for sidewalks, sports fields, and narrow maintenance corridors.

Performance & Core Specifications

Parameter	Specification Value
Operating Weight	1000 kg (1 Ton)
Centrifugal / Exciting Force	20 kN
Vibration Frequency	70 Hz
Nominal Amplitude	0.5 mm
Compaction Depth	30 cm
Climbing / Grade Ability	30%
Travel Speed	0 - 4 km/h (Continuous Variable Speed)
Water Tank Capacity	67 Liters
Hydraulic Oil Capacity	15 Liters
Overall Dimensions	1780 x 825 x 1985 mm

Engine Configuration Options

Feature	Diesel Variant (Changfa/Changchai 186F)	Gasoline Variant (Honda GX390)
Engine Type	Single-cylinder, air-cooled, 4-stroke	Single-cylinder, air-cooled, OHV
Output Power	5.88 kW to 6.0 kW	9.7 kW
Drive Pump	Variable Displacement Piston Pump	Variable Displacement Piston Pump
Drum Size	700mm Width x 500mm Diameter	700mm Width x 500mm Diameter