

4-Ton Single Drum Soil Compactor

This 4-ton single drum soil compactor utilizes hydraulic vibration, steering, and drive for optimal performance. The engine features a 4-cylinder water-cooled design, providing strong power output for demanding compaction tasks.



ADDITIONAL IMAGES



Overview



High-efficiency single drum roller designed for soil compaction.

High-Performance Soil Compaction

This 4-ton single drum soil compactor is engineered for efficiency and durability in road construction and maintenance projects. Featuring a powerful 4-cylinder water-cooled engine and a fully hydraulic drive system, it delivers consistent performance with low fuel consumption. Its compact, streamlined design and hydraulic steering make it highly maneuverable, ideal for working in narrow environments while ensuring reliable soil and asphalt compaction.

Technical Specifications

PARAMETER			
Non single drum roller parameters			
Model	SR400	SR400	SR400
Capacity	4000 kg	4000 kg	4000 kg
Exciting force	60 KN	60 KN	60 KN
Vibration frequency	60 Hz	60 Hz	60 Hz
Static line load	140 N/cm	140 N/cm	140 N/cm
Nominal amplitude	0.5 mm	0.5 mm	0.5 mm
Gradeability	0.3	0.3	0.3

PRODUCT FEATURES	
1 Strong power and superior performance	The 4-cylinder water-cooled engine provides high torque and high efficiency, ensuring superior performance in various working conditions.
2 Improve efficiency and easy maintenance	The compact structure and easy-to-reach components facilitate maintenance and reduce downtime.
3 Multiple power modes	Hydrostatic drive system offers multiple power modes, including power shift, hydrostatic, and power steering, to meet different working requirements.
4 Hydraulic vibration system	The hydraulic vibration system effectively reduces ground vibration, protecting the operator and surrounding environment.
5 Convenient operation	The ergonomic control handle and clear instrument panel ensure safe and efficient operation.

Detailed technical specifications and performance data for the 4-ton roller.

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Dimensions

Steel Wheel Dimensions

Dimension	Value	Unit
Diameter	1000	mm
Width	1300	mm

Dimensions (L x W x H)	3900 x 1370 x 2650 mm
Wheel Base	2150 mm
Turning Radius	4000 mm

Performance Features



Overview of the hydraulic system, engine efficiency, and control handle features.

Key Capabilities

- Hydraulic vibration, steering, and drive system
- 4-cylinder water-cooled engine
- Power shift gearbox with high-speed mode
- Disc type air brake system
- Wheel side reducer for large torque

Capabilities	Hydraulic Steering, Hydrostatic Drive, Compact Structure, High Efficiency
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