

# SR14M-2

## SINGLE DRUM VIBRATORY ROLLER

- Engine: Weichai Wp6G125E22
- Operating weight: 14000kg
- Rated power: 92kW(125HP)



**SHANTUI**  
VALUE THAT WORKS

Model shown may include optional equipment



# SR14M-2



## Technical Specifications

Performance Parameters of Complete Machine				
Item	Unit	SR14M-2	SR14MP-2(with pad)	
Engine		Weichai WP6G125E22	Weichai WP6G125E22	
Engine power	Kw/rpm	92/2200	92/2200	
Maximum torque of engine	Nm/rpm	540/1300-1500	540/1300-1500	
Overall dimensions	mm	6085×2315×3211	6085×2315×3211	
Operating weight	Kg	14000	15100	
Axle load,drum	Kg	7000	8100	
Axle load,wheel	Kg	7000	7000	
Static linear load(Drum)	N/cm	332	383	
Centrifugal force,High/low	KN	272/138	272/138	
Vibration frequency, High/low	Hz	30	30	
Rated amplitude, High/low	mm	1.73/0.87	1.37/0.77	
Wheelbase	mm	3100	3100	
Drum diameter	mm	Φ1550	Φ1752	
Working width	mm	2110	2110	
Min. turning radius	mm	6100	6100	
Steering angle	°	±35	±35	
Oscillating angle	°	±12	±12	
Max.climbing ability	%	30	30	
Ground clearance	mm	411	411	
Speed	Advance	Km/h	Gear I: 2.5, Gear II: 4.4, Gear III: 9.7	Gear I: 2.5, Gear II: 4.4, Gear III: 9.7
	Reverse	Km/h	Gear I: 2.5, Gear II: 4.3	Gear I: 2.5, Gear II: 4.3

SR14M-2 roller compacts various building and road materials through self-weight and centrifugal force, allowing good compacting effect, high impact depth and large production efficiency. SR14M-2 roller is mainly suitable for the compacting of gravel, broken stone, sand and stone mixture, sandy soil, rock filling and other non-cohesive materials of the footing course, secondary footing course and filling, which makes it the ideal compacting equipment for the construction of roads, railways, airports, ports, embankment dams, industry sites and building foundations. SR14M-2 single drum vibratory roller adopts mechanical drive, 3 advance gears, 2 reverse gears, hydraulic vibration and steering and single frequency double amplitude. The main performance features are as following:

- ◆ The new cover is cooperatively developed by Shantui and Korea DEMC; the hood adopts a streamline design to create an elegant appearance for the complete machine.
- ◆ Weichai WP6G125E22 turbo supercharging, water-cooled 6-cylinder diesel engine offers strong power and, together with a Hachi mechanical gearbox and Liangyu drive axle, enables high efficiency and smooth power transmission.
- ◆ A separate cab, makes it convenient for container traffic; equipped with air conditioner (optional), radio cassette, suspension seat; wide inside space with large area glass enables open visual field and comfortable driving.
- ◆ The hydraulic system adopts famous brand hydraulic pumps, hydraulic motor and hoses to achieve high reliability; the hydraulic oil tank has a roof-mounted removable oil filter and is provided with a cut-off valve and oil drain valve to allow easy maintenance and repair.
- ◆ The electrical system has famous brand connectors to protect against water and vibration; the oil level alerter is convenient for the user to check the oil level and fill the oil in time.
- ◆ The big opening angle of the hood facilitates engine repair and maintenance .
- ◆ Air conditioner and padfoot are available upon request.



## Overall Dimensions

