

MECHANICAL VIBRATORY ROLLER

## SR14M-2/SR14MP-2

New form, state-of-the-art design enhancements

- ▶ Engine model: Weichai WP6G125E22
- ▶ Rated power: 92 kW/2200 rpm
- ▶ Operating weight: 14.0 t/15.1 t

### Product features

With its new streamlined form, split cab for easy container transport, vacuum machine enclosures, electrical system with waterproof connectors plus enhancements for even easier maintenance, the new generation SR14M-2 roller sets new design and durability standards for single-drum rollers. Powered by a new generation Weichai water-cooled turbo engine, this King of the Road works best on larger top surfaces.

With 154-knob 95 mm 'sheep's foot' wheels added to the SR14M-2, this SR14MP-2 is ready to take on the toughest roadwork.



SR14M-2 ▲



# SHANTUI

VALUE THAT WORKS

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# MECHANICAL VIBRATORY ROLLER

## SR14M-2/SR14MP-2

### Technical specifications:

Overall length: 6085 mm

Minimum turning radius: 6100 mm

Overall width: 2287 mm

Steering angle (Grad): ±36°

Overall height: 3211 mm

Oscillating angle (Grad): ±12°

SR14M-2/SR14MP-2

WEIGHT AND DIMENSIONS	MODEL:	SR14M-2	SR14MP-2	
	Weights	Operating weight	14000 kg	15100 kg
Axle load, drum		7000 kg	8100 kg	
Axle load, wheel		7000 kg		
Static linear load (at drum)		332 N/cm	383 N/cm	
Drum and tires	Maximum working width	2110 mm		
	Drum diameter	1550 mm	1752 mm	
	Drum shell thickness	30 mm		
	Number of padfeet	–	154	
	Height of the padfoot	–	95 mm	
	Tire size	23.1-26-8PR	23.1-26-8PR	
VIBRATORY SYSTEM	Frequency	High amplitude	30 Hz	
		Low amplitude	30 Hz	
	Nominal amplitude	High	1.73 mm	1.37 mm
		Low	0.87 mm	0.77 mm
Centrifugal force	Maximum	272 kN		
	Minimum	138 kN		
DRIVE TRAIN	Forward speed	I	2.5 km/h	
		II	4.4 km/h	
		III	9.7 km/h	
		IV	–	
	Reverse speed	I	2.5 km/h	
		II	4.3 km/h	
		III	–	
IV		–		
Maximum climbing ability	30%			
Drive system	Mechanical			
POWER TRAIN	Make & model	Weichai WP6G125E22		
	Type	Turbocharged		
	Fuel	Diesel		
	Fuel capacity	300 L		
	Cool	Water		
	Number of cylinders	6		
	Rated power	92 kW		
	Rated speed	2200 rpm		
CABIN & CONTROLS	Electrical system	DC, negative ground	24 V	
		Alternator	28 V, 53 A	
		Batteries	–	
	Brakes	Service brake	Pressurized air	
		Parking brake	Spring-loaded/mechanical	
	Steering	Steering system	Oscillating, articulating	
Steering method		Hydrostatic		

### OVERALL DIMENSIONS

▶ THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONS. THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.

