

MECHANICAL VIBRATORY ROLLER

## SR14MA/SR14MPA

- ▶ Engine model: Shangchai SC4H130G2
- ▶ Rated power: 95/130 kW/2000 rpm
- ▶ Operating weight: 14.0 t / 14.833 t
- ▶ Vibration Frequency Range: 30HZ
- ▶ Centrifugal Force Range: 272 kN / 138 kN
- ▶ Working Width: 2130 mm

### 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 SR14MA roller sets new design and durability standards for single-drum rollers. Powered by a new generation Shangchai turbo engine, this King of the Road works best on larger top surfaces.

With 80-knob 95 mm 'sheep's foot' wheels added to the SR14MA, this SR14MPA is ready to take on the toughest roadwork.



SR14MA ▲



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# SHANTUI

VALUE THAT WORKS

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# MECHANICAL VIBRATORY ROLLER

# SRI4MA/SRI4MPA

## Technical specifications:

Overall length: 5957 mm

Minimum turning radius: 6050 mm


Overall width: 2305 mm

Steering angle (Grad): ±35°

Overall height: 3191 mm

Oscillating angle (Grad): ±12°

SRI4MA/SRI4MPA

WEIGHT AND DIMENSIONS	MODEL:		SR14MA	SR14MPA
		Weights	Operating weight	14000 kg
Axle load, drum			7000 kg	7833 kg
Axle load, wheel			7000 kg	
Static linear load (at drum)			332 N/cm	371 N/cm
Drum and tires		Maximum working width	2130 mm	
		Drum diameter	1500 mm	1650 mm
		Drum shell thickness	30 mm	
		Number of padfeet	–	80
	Height of the padfoot	–	95 mm	
Tire size	23.1-26-8PR(20.5-25-16PR)	23.1-26-8PR(20.5-25-16PR)		
VIBRATORY SYSTEM	Frequency	High amplitude	30 Hz	
		Low amplitude	30 Hz	
	Nominal amplitude	High	1.73 mm	1.44 mm
		Low	0.87 mm	0.73 mm
Centrifugal force	Maximum	272 kN		
	Minimum	138 kN		
DRIVE TRAIN	Forward speed	I	2.3 km/h	
		II	4.0 km/h	
		III	8.9 km/h	
	Reverse speed	I	2.3 km/h	
		II	4.0 km/h	
Maximum climbing ability	30%			
Drive system	Mechanical			
POWER TRAIN	Make & model	Shangchai SC4H130G2		
	Type	Turbocharged		
	Fuel	Diesel		
	Fuel capacity	240 L		
	Cool	Water		
	Number of cylinders	4		
	Rated power	95/130 kW		
	Rated speed	2000 rpm		
CABIN & CONTROLS	Electrical system	DC, negative ground	24 V	
		Alternator	28 V, 53 A	
	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.

