

MECHANICAL VIBRATORY ROLLER

# SR18M-2/SR18MP-2

Upgraded muscle for added value!

- ▶ Engine model: Cummins 6BT5.9-C155
- ▶ Rated power: 114 kW/2000 rpm
- ▶ Operating weight: 18.0 t/18.5 t

## Product features

The SR18M-2 is 'bulked up' for the toughest of tough jobs with upgraded ball bearings, gearbox and a Cummins 6BT5.9-C155 engine. With heavy, mechanical vibratory roller that weighs in at 18 tons, the SR18M-2 uses its weight and dual-frequency double-amplitude hydraulic vibration to get your tougher jobs done. With weight and power plus a fully enclosed cab with optional AC, ergonomic control system, suspension seat and hydraulically articulated steering, the SR18M-2 provides big comforts on big jobs..

With 154-knob 95 mm 'sheep's foot' rollers added to the SR18M-2, this 18.5-ton SR18MP-2 is ready to take on the toughest roadwork.



SR18M-2 ▲



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# SHANTUI

VALUE THAT WORKS

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# MECHANICAL VIBRATORY ROLLER

## SR18M-2/SR18MP-2

### Technical specifications:

Overall length: 5990 mm

Minimum turning radius: 6100 mm






Overall width: 2370 mm

Steering angle (Grad): ±36°

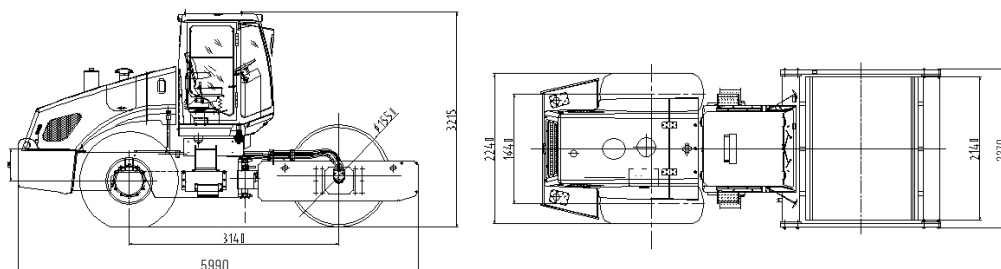
Overall height: 3215 mm

Oscillating angle (Grad): ±12°

SR18M-2/SR18MP-2

WEIGHT AND DIMENSIONS	MODEL:	SR18M-2	SR18MP-2	
		Weights	Operating weight	18000 kg
Axle load, drum			9000 kg	9500 kg
Axle load, wheel			9000 kg	
Static linear load (at drum)			420 N/cm	440 N/cm
Drum and tires		Maximum working width	2140 mm	
		Drum diameter	1550 mm	1550 mm
		Drum shell thickness	40 mm	
	Number of padfeet	–	154	
	Height of the padfoot	–	95 mm	
Tire size	18.5-25-16PR			
	Frequency	High amplitude	28 Hz	
		Low amplitude	32 Hz	
	Nominal amplitude	High	2.0 mm	1.6 mm
		Low	1.0 mm	0.8 mm
	Centrifugal force	Maximum	335 kN	
		Minimum	190 kN	
	Forward speed	I	2.2 km/h	
		II	4.3 km/h	
		III	9.1 km/h	
		IV	–	
	Reverse speed	I	2.2 km/h	
		II	4.3 km/h	
		III	9.1 km/h	
IV		–		
Max. Climbing Ability	30%			
Drive system	Mechanical			
	Make & model	Cummins 6BT5.9-C155		
	Type	Turbocharged		
	Fuel	Diesel		
	Fuel capacity	415 L		
	Cool	Water		
	Number of cylinders	6		
	Rated power	114 kW		
	Rated speed	2000 rpm		
	Electrical system	DC, negative ground	24 V	
		Alternator	24 V, 45 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.