

FULL-HYDRAULIC VIBRATORY ROLLER

SR10/SR10P

Middle-layer compacting road roller

- ▶ Engine model: Weichai WP4G110E220
- ▶ Rated power: 82 kW/2200 rpm
- ▶ Operating weight: 10 t/11 t

Product features

This model comes standard with an imported hydraulics system and is available with or without the optional sheep pad roller. Its design features a well-matched engine and hydraulics system for the ultimate in efficient operations and reduced operating costs. Having gone thru very stringent vibration tests and analyses, which led to greatly reduced vibrations, this machine can be expected to operate for a long life. Finally, it has the extra-added touch of having a very attractive design flow to its outward appearance.



SR10 ▲

SR10P ▲



SHANTUI

VALUE THAT WORKS

FULL-HYDRAULIC VIBRATORY ROLLER

SR10/SR10P

Technical specifications:

Overall length: 6010 mm	Minimum turning radius: 5880 mm
Overall width: 2305 mm	Steering angle (Grad): ±35°
Overall height: 3130 mm	Oscillating angle (Grad): ±12°

SR10/SR10P

WEIGHT AND DIMENSIONS	MODEL:	SR10	SR10P
	Weights	Operating weight	10000 kg
Axle load, drum		5400 kg	6400 kg
Axle load, wheel		4600 kg	4600 kg
Static linear load (at drum)		253 N/cm	300 N/cm
Drum and tires	Maximum working width	2130 mm	
	Drum diameter	1500 mm	1650 mm
	Drum shell thickness	20 mm	
	Number of padfeet	–	132
	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	35 Hz	
	Nominal amplitude	High	2 mm	1.7 mm
		Low	1.0 mm	0.85 mm
Centrifugal force	Maximum	270 kN		
	Minimum	180 kN		

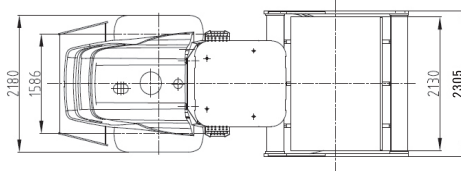
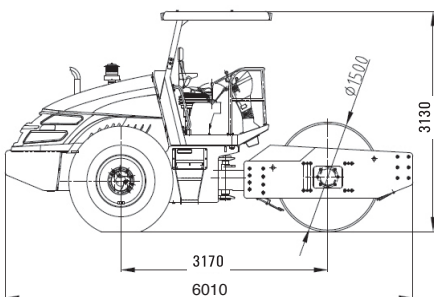
DRIVE TRAIN	Forward speed	I	0~5.3 km/h	
		II	0~9.9 km/h	
	Reverse speed	I	0~5.3 km/h	
		II	0~9.9 km/h	
	Maximum climbing ability	48%		
Drive system	Hydrostatic			

POWER TRAIN	Make & model	Weichai WP4G110E220		
	Type	Turbocharged		
	Fuel	Diesel		
	Fuel capacity	230 L		
	Cool	Water		
	Number of cylinders	4		
	Rated power	82 kW		
	Rated speed	2200 rpm		

CABIN & CONTROLS	Electrical system	DC, negative ground	24 V	
		Alternator	28 V, 55 A	
		Batteries	–	
	Brakes	Service brake	Hydrostatic	
		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.



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