

FULL-HYDRAULIC VIBRATORY ROLLER

# SR10/SR10P

Middle-layer compacting road roller with Dana drive system

- ▶ Engine model: Weichai WP4G110E220
- ▶ Rated power: 82 kW/2200 rpm
- ▶ Operating weight: 10.1 t/10.9 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 hydraulic 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. Its drive axle is imported, also adding to its durability and reliability. Finally, it has the extra-added touch of having a very attractive design flow to its outward appearance.



SR10 ▲

SR10P ▲



# SHANTUI

VALUE THAT WORKS

Shantui Construction Machinery Co., Ltd.

ADDRESS:

No. 58, G327 Highway  
Jining City, Shandong, CHINA

TEL: +86-537-2909369

FAX: +86-537-2311219

EMAIL: [trade@shantui.com](mailto:trade@shantui.com)

FULL-HYDRAULIC VIBRATORY ROLLER

# SR10/SR10P

Technical specifications:

Overall length: 5860 mm

Minimum turning radius: 5880 mm


Overall width: 2325 mm

Steering angle (Grad): ±36°

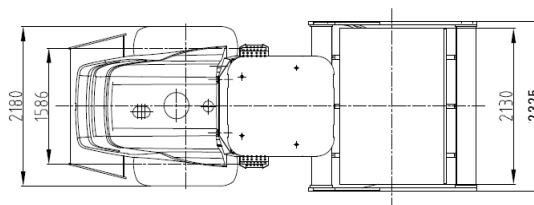
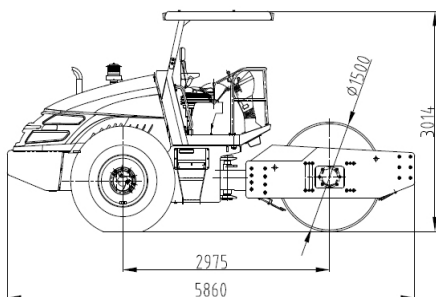
Overall height: 3014 mm

Oscillating angle (Grad): ±12°

SR10/SR10P

WEIGHT AND DIMENSIONS	MODEL:	SR10	SR10P	
		Weights	Operating weight	10120 kg
Axle load, drum			5980 kg	6350 kg
Axle load, wheel			4140 kg	4600 kg
Static linear load (at drum)			259 N/cm	277 N/cm
Drum and tires		Maximum working width	2130 mm	
		Drum diameter	1500 mm	1650 mm
		Drum shell thickness	25 mm	
	Number of padfeet	-	80	
	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	36 Hz	
	Nominal amplitude	High	2 mm	1.6 mm
		Low	1.0 mm	0.8 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	
		III	-	
		IV	-	
	Reverse speed	I	0~5.3 km/h	
		II	0~9.9 km/h	
III		-		
IV		-		
Maximum climbing ability	48%			
Drive system	Hydrostatic			
POWER TRAIN	Make & model	Weichai WP4G110E220		
	Type	Turbocharged		
	Fuel	Diesel		
	Fuel capacity	240 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.