

FULL-HYDRAULIC VIBRATORY ROLLER

SR12-5/SR12P-5

Middle-layer compacting road roller with Dana drive system

- ▶ Engine model: Weichai Deutz WP6G140E22
- ▶ Rated power: 105 kW/2200 rpm
- ▶ Operating weight: 12.0 t/13.1 t

Product features

This is a muscular, single-drum roller primarily employed for compacting middle layers. It features a Dana drive system and hydraulic clutch actuating system for clutch disengagement, and is powered by a Weichai Deutz (WP6G140E22) engine. The 12-5 is among Shantui's best-selling products at home and abroad.

SR12P-5 features the Dana hydraulic clutch actuating system for clutch disengagement and knobbed 95 mm 'sheep's foot' wheels.



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

FULL-HYDRAULIC VIBRATORY ROLLER

SR12-5/SR12P-5

Technical specifications:

Overall length: 6021 mm

Minimum turning radius: 5500 mm







Overall width: 2305 mm

Steering angle (Grad): ±36°

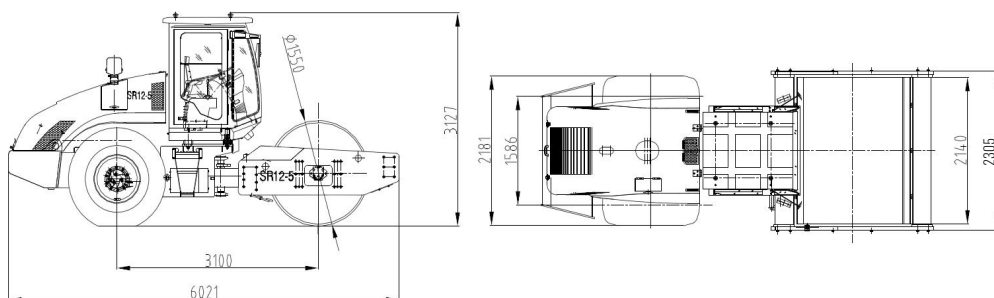
Overall height: 3127 mm

Oscillating angle (Grad): ±12°

SR12-5/SR12P-5

 WEIGHT AND DIMENSIONS	MODEL:	SR12-5	SR12P-5	
	 Drum and tires	Weights	Operating weight	12000 kg
Axle load, drum			6800 kg	79500 kg
Axle load, wheel			5200 kg	5200 kg
Static linear load (at drum)			317 N/cm	371 N/cm
Drum and tires		Maximum working width	2140 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	33 Hz	
	Nominal amplitude	High	1.8 mm	1.4 mm
		Low	1.0 mm	0.78 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 Deutz WP6G140E22		
	Type	Turbocharged		
	Fuel	Diesel		
	Fuel capacity	240 L		
	Cool	Water		
	Number of cylinders	6		
	Rated power	105 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.