

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.



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Address: Unit 1 Jurgens Street Jet Park Ext 5- 1619

Tel: +27 (0) 11 390 8160

Website: <http://en.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): $\pm 36^\circ$

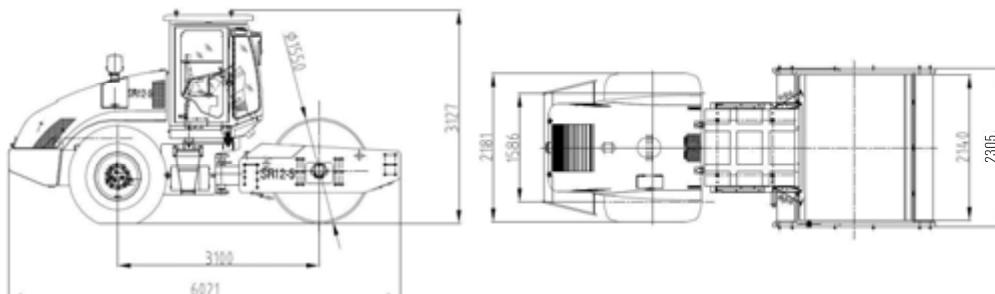
Overall height: 3127 mm

Oscillating angle (Grad): $\pm 12^\circ$

SR12-5/SR12P-5

	WEIGHT AND DIMENSIONS	MODEL:		SR12-5	SR12P-5
		Weights	Operating weight	12000 kg	13150 kg
			Axle load, drum	6800 kg	7950 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.