

FULL-HYDRAULIC VIBRATORY ROLLER

SR16/SR16P

Ready to take on the really tough jobs

- ▶ Engine model: Cummins 6BT5.9-C150
- ▶ Rated power: 112 kW/2500 rpm
- ▶ Operating weight: 16.0 t/16.5 t

Product features

This King of the Road is ready to crush the toughest jobs. It is a heavy, fully hydraulic vibratory roller that weighs in at 16 tons. It uses its weight and muscular vibration force to get tough jobs done efficiently. With its fully enclosed cab, optional AC, ergonomic control system, suspension seat and hydraulically articulated steering, your operators will be lining up to drive this beast. Comes standard with a Cummins engine.

With 154-knob 95 mm 'sheep's foot' rollers added to the SR16, this 16,500 kg SR16P is ready to take on the toughest roadwork.



SR16▲



SHANTUI

VALUE THAT WORKS

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Technical specifications:

Overall length: 6092 mm

Minimum turning radius: 5600 mm

Overall width: 2382 mm

Steering angle (Grad): ±36°

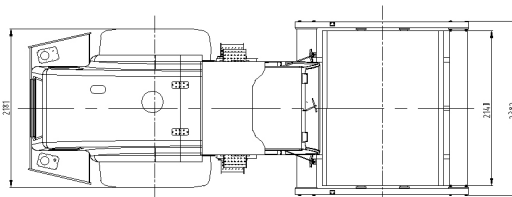
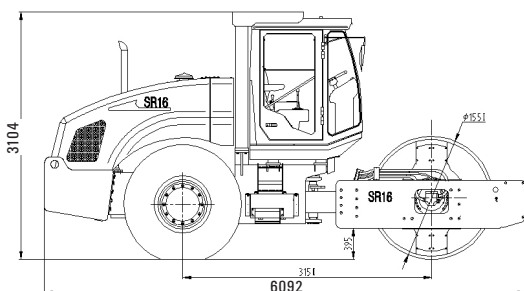
Overall height: 3104 mm

Oscillating angle (Grad): ±12°

SR16/SR16P

MODEL:	SR16		SR16P		
	Operating weight	16000 kg		16500 kg	
Weights	Axle load, drum	10000 kg		10800 kg	
	Axle load, wheel	6000 kg		5700 kg	
	Static linear load (at drum)	468 N/cm		505 N/cm	
	Drum and Tires	Maximm working width		2140 mm	
	Drum diameter	1550 mm		1752 mm	
	Drum shell thickness	32 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	28 Hz		
		Low amplitude	32 Hz		
	Nominal amplitude	High	1.8 mm	1.6 mm	
		Low	0.76 mm	0.6 mm	
Centrifugal force	Maximum	317 kN			
	Minimum	167 kN			
DRIVE TRAIN	Forward speed	I	0~5.9 km/h		
		II	0~9 km/h		
		III	-		
		IV	-		
	Reverse speed	I	0~5.9 km/h		
		II	0~9 km/h		
III		-			
IV		-			
Maximum climbing ability	45%				
Drive system	Hydrostatic				
POWER TRAIN	Make & model	Cummins 6BT5.9			
	Type	Turbocharged			
	Fuel	Diesel			
	Fuel capacity	350 L			
	Cool	Water			
	Number of cylinders	6			
	Rated power	112 kW			
	Rated speed	2500 rpm			
CABIN & CONTROLS	Electrical system	DC, negative ground	24 V		
		Alternator	28 V, 45 A		
		Batteries	-		
	Brakes	Service brake	Hydrostatic		
		Parking brake	Spring-loaded/mechanical		
	Steering	Steering system	Oscillating, articulating		
Steering method		Hydrostatic			

OVERALL DIMENSIONS



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