

FULL-HYDRAULIC VIBRATORY ROLLER

## SR20-5/SR20P-5

More weight, more vibration force when the going gets tough

- ▶ Engine model: Cummins 6CTAA8.3-C215
- ▶ Rated power: 160 kW/2200 rpm
- ▶ Operating weight: 20.0 t/20.2 t

### Product features

The SR20-5 is a super heavy class roller that is a self-propelled, fully hydraulic, vibratory roller. It features full hydraulic double drive, three-gear CVT, hydraulic vibration and steering, double frequency and amplitude. The roller can compact various building and road-building materials by using its dead weight and the exciting force, for good compaction effect, deep compaction and high efficiency. The SR20-5 model is mainly applicable to the compaction of base layers, sub-base layers and fills of various non-viscous materials, such as gravel, crushed stone, sand and gravel mixture, sandy soil and rock. It is the ideal compaction equipment for construction of high-grade highways, railways, airports, ports, dams and large-scale industrial sites.

With 154-knob 95 mm 'sheep's foot' rollers added to the SR20-5, this 20,200 kg SR20P-5 is ready to take on the toughest roadwork.



SR20-5 ▲



# SHANTUI

VALUE THAT WORKS

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# SR20-5/SR20P-5

Technical specifications:

Overall length: 6501 mm

Minimum turning radius: 6000 mm


Overall width: 2402 mm

Steering angle (Grad): ±36°

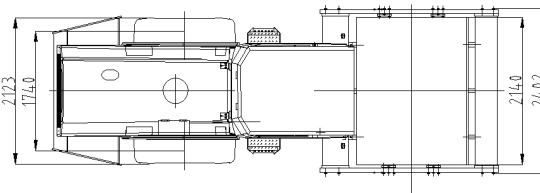
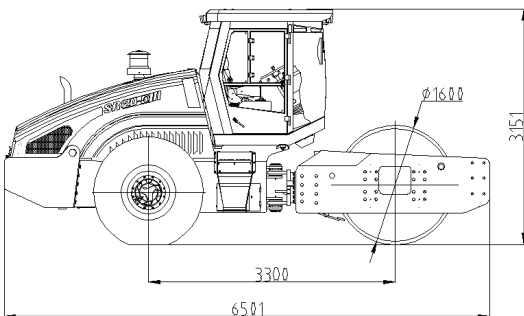
Overall height: 3151 mm

Oscillating angle (Grad): ±10°

SR20-5/SR20P-5

WEIGHT AND DIMENSIONS	MODEL:	SR20-5	SR20P-5	
		Weights	Operating weight	20000 kg
Axle load, drum			13000 kg	13200 kg
Axle load, wheel			7000 kg	
Static linear load (at drum)			595 N/cm	605 N/cm
Drum and tires		Maximum working width	2140 mm	
		Drum diameter	1600 mm	1752 mm
		Drum shell thickness	40 mm	
		Number of padfeet	-	154
	Height of the padfoot	-	95 mm	
	Tire size	20.5-25-16PR	20.5-25-16PR	
VIBRATORY SYSTEM	Frequency	High amplitude	28 Hz	
		Low amplitude	32 Hz	
	Nominal amplitude	High	1.85 mm	1.8 mm
		Low	1.05 mm	1.0 mm
Centrifugal force	Maximum	345 kN		
	Minimum	255 kN		
DRIVE TRAIN	Forward speed	I	0~3.9 km/h	
		II	0~6 km/h	
		III	0~10 km/h	
		IV	-	
	Reverse speed	I	0~3.9 km/h	
		II	0~6 km/h	
III		0~10 km/h		
IV		-		
Maximum climbing ability	45%			
Drive system	Hydrostatic			
POWER TRAIN	Make & model	Cummins 6CTAA8.3-C215		
	Type	Turbocharged		
	Fuel	Diesel		
	Fuel capacity	380 L		
	Cool	Water		
	Number of cylinders	6		
	Rated power	160 kW		
	Rated speed	2200 rpm		
CABIN & CONTROLS	Electrical system	DC, negative ground	24 V	
		Alternator	28 V, 70 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.