

MECHANICAL VIBRATORY ROLLER

SR22MA/SR22MPA

More weight, more vibration force when the going gets tough

- ▶ Engine model: Shangchai SC8D185
- ▶ Rated power: 136 kW/2000 rpm
- ▶ Operating weight: 22 t/22.8 t

Product features

This heavy-duty mechanical single-drum roller features a mechanical drive, mechanical flexible controlled power shift transmission, hydraulic vibration and steering plus dual frequency, double vibration amplitude, gas pipeline control, flexible break and clutch operation and single-lever gear shift and drive operations. The super-heavy 22-ton SR22MA has the weight and muscle to get the job done. Powered by a Shangchai D6114ZG11B engine.

With a 154-knob 95 mm 'sheep's foot' roller added to the SR22MA, this over 22-ton SR22MPA is ready to take on the toughest roadwork.



SR22MA ▲



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SHANTUI

VALUE THAT WORKS

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Technical specifications:

Overall length: 6229 mm

Minimum turning radius: 6100 mm

Overall width: 2345 mm

Steering angle (Grad): ±35°

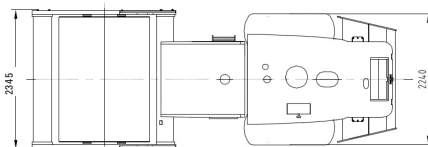
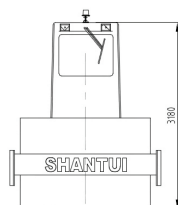
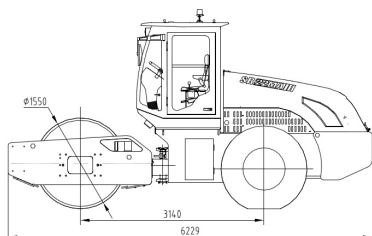
Overall height: 3180 mm

Oscillating angle (Grad): ±12°

SR22MA/SR22MPA

MODEL:	SR22MA		SR22MPA		
	Operating weight	22000 kg		22800 kg	
Weights	Axle load, drum	11000 kg		11000 kg	
	Axle load, wheel	11000 kg		11800 kg	
	Static linear load (at drum)	490 N/cm		543 N/cm	
	Drum and tires	Maximum working width		2140 mm	
Drum and tires	Drum diameter	1550 mm		1750 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	2.0 mm	1.8 mm	
		Low	1.0 mm	0.9 mm	
Centrifugal force	Maximum	395 kN			
	Minimum	230 kN			
DRIVE TRAIN	Forward speed	I	2.84 km/h		
		II	5.58 km/h		
		III	9.1 km/h		
		IV	-		
	Reverse speed	I	2.84 km/h		
		II	5.58 km/h		
III		9.1 km/h			
IV		-			
Maximum climbing ability	30%				
Drive system	Mechanical				
POWER TRAIN	Make & model	Shanghai SC8D185			
	Type	Turbocharged			
	Fuel	Diesel			
	Fuel capacity	306 L			
	Cool	Water			
	Number of cylinders	6			
	Rated power	136 kW			
	Rated speed	2000 rpm			
CABIN & CONTROLS	Electrical system	DC, negative ground	24 V		
		Alternator	28 V, 55 A		
		Batteries	-		
	Brakes	Service brake	Pressurized air braking		
		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.