

SSR212

SANY Road Roller



 Cummins
Engine Model

 119kW
Rated power

 60%
Theoretical gradeability

 T4f
Emission standard

High-performance compaction

High-frequency vibration and consistent compaction technology (with maximum vibration frequency of 36Hz and amplitude uniformity of <5%) for higher compaction efficiency (improved by 10%) and smoother compacted surface.

Energy efficiency and economy

ECO technology adopted for a combined fuel consumption as low as 9.7L/h while keeping the engine speed at the optimal economic zone (1600rpm) and the compaction performance unchanged.

High adaptability

Synchronized flow divider valve and differential lock rear axle adopted to intelligently match the front and rear driving forces, with both forward and backward gradient reaching 50%, featuring anti-skid and recovery capability and strong adaptability.

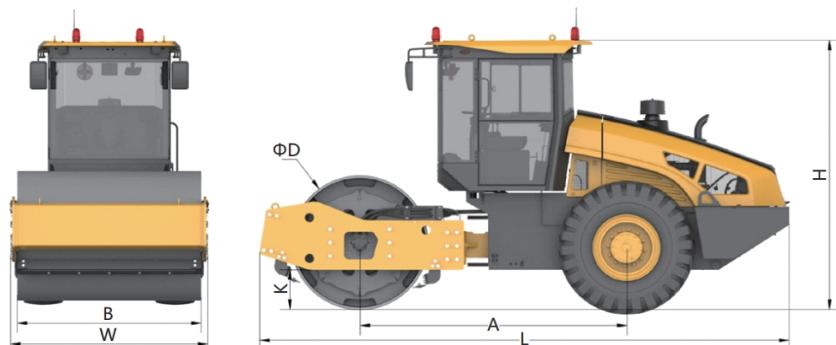
Driving comfort

New streamlined noise-reduction and vibration-damping cab features a high-capacity A/C with defrost/defog functions, an air-suspension seat, tri-adjustable steering wheel with a sliding armrest, and a 7-inch full LCD display, comprehensively enhancing ergonomics and comfort for high-end driving experience.

Overall Dimensions

The following specifications refer to the standard configuration. Actual values may vary depending on selected optional equipment.

Unit: mm

**Reminder:**

Any change in the technical parameters and configuration due to product modification or upgrade may occur without prior notice. The machine in the picture may include additional equipment. This brochure is for reference only, and goods in kind shall prevail.

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Technical Specifications

CATEGORY	ITEM	UNIT	PARAMETERS
Power parameters	Engine Model	-	Cummins QSB4.5
	Rated Power	kW	119
	Emission	-	T4f
Mass load	Operating Weight	kg	12100
	Weight at Drum	kg	6930
	Weight at Axle	kg	5170
Vehicle parameters	Static Linear Load	N/cm	319
	Overall dimensions (length×width×height)	mm	5785×2285×3000
	Vibration frequency	Hz	32/36
Compaction mechanism parameters	Nominal amplitude	mm	1.8/0.9
	Centrifugal Force	kN	280/178
	Dia. of vibratory drum	mm	1500
	Width of vibratory drum	mm	2130
	Thickness of drum	mm	25
Maneuverability parameters	Travel speed	km/h	0~5 0~6 0~7.5 0~9
	Theoretical gradeability	%	60
	Min. clearance to ground	mm	431
	Wheelbase	mm	2940
	Steering angle	°	±35
Capacity parameters	Swing angle	°	±12
	Min. outside turning diameter	mm	11700
	Tires	mm	23.1~26
	Fuel Tank	L	200
	Hydraulic Tank	L	80
	Battery	V×Ah	24×120

Configuration

● Standard

○ Optional

ITEM	SSR212	ITEM	SSR212
Smooth drum	●	Herringbone tire	○
Detachable pad	○	Heavy-duty floatation tire (Heavy-duty floatation tire)	●
Welded pad	○	Intelligent compaction system	○
Cab	●	Rearview camera	●
Operator Canopy	○	Manual release of parking brake	○
Differential lock rear axle	●	Synchronous flow division and anti-skidding	○
Hand rest	○		