



# SSR120C-10S

## SINGLE DRUM ROLLER

### Efficient compaction

- ◆ Existing force 280/216kN (competitor 255/155kN), higher compaction;
- ◆ Vibration wheel has 3 centers in 1 (center of mass, exciting force, and geometry), amplitude uniformity 4% (competitor 8%), better flatness.

### Energy and fuel saving

- ◆ Intelligent load matching technology, comprehensive fuel consumption is 10% lower than HAMM;
- ◆ Unique ECO energy-saving construction mode, fuel consumption as low as 9-12L/h.

### Operator comfort

- ◆ A new generation of silent cab, only 76.8db;
- ◆ Standard 7inch touch LCD color screen+silicone button, Wraparound ergonomic control system;
- ◆ Industry's best cab vibration absorbing (vibration severity 1.3mm/s), not easy to fatigue.

### Safety features

- ◆ Standard rear axle with high speed ratio, theoretical gradeability up to 65%;
- ◆ Large Standard with 28mm deep tooth tires, optional electronic anti-slip function, improve rear wheel drive performance.

## Technical specifications

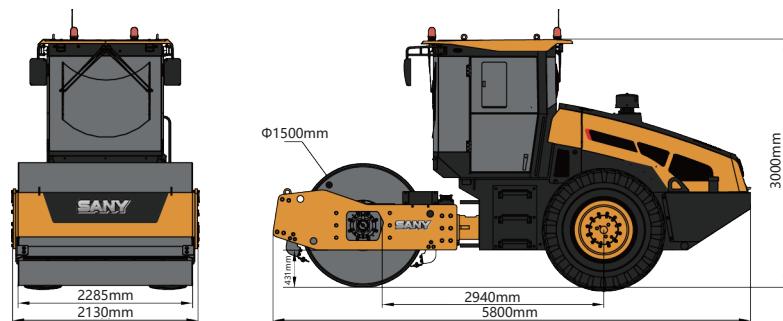
Model		SSR120C-10S
Weight and load	Operating weight (kg)	12400
	Weight at drum (kg)	6950
	Weight at rear axle (kg)	5450
	Drum static linear load (N/cm)	326
Compaction	Vibration frequency (Hz)	32/40
	Nominal amplitude (mm)	1.8/0.9
	Centrifugal force (kN)	280/216
	Drum diameter (mm)	1500
	Drum width (mm)	2130
	Drum edge thickness (mm)	25
Maneuverability	Travel speed (km/h)	
	0~3.5	
	0~4.5	
	0~6.5	
	0~10.5	
	gradeability	65%
	Ground clearance (mm)	431
	Wheelbase (mm)	2940
	Steering angle (°)	±35
	Swing angle (°)	±12
Engine	Min. turning outside diameter (mm)	11700
	Tires	23.1-26
	Brand	ISUZU
	Model	4H-EGRLESS
	Emission	Euro II
Capacity	Rated power (kW)	133
	Battery (V × Ah)	24 × 120
	Fuel tank (L)	200
	Hydraulic oil tank (L)	80

## Standard configurations

Config.	Systems	Description	Qty	Details	Remarks
Standard confi.	Main machine	SSR120C-10S single drum roller, standard	1	1. Engine 2. Travel pump 3. Travel motor (Rear) 4. Travel motor (Front) 5. Vibration motor 6. Vibration pump 7. Steering pump 8. Reduction gears 9. Rear axle	
Optional confi.	Shed	Shed	1	Low cost	
	Vibratory drum with welded pad foot	Drum with welded pad foot	1	Vibratory drum with welded pad foot, which cannot be removed, suitable for compaction of clay, semi-clay, rocks, gravels, expansive soil, and coal cinder base	Substitute smooth drums permissible
	Vibratory drum with assembled pad foot	Drum with assembled pad foot	1	Vibratory drum with assembled pad foot, which can be removed to form a smooth drum; suitable for compaction of clay, semi-clay, rocks, gravels, expansive soil, and coal cinder base	Optional

## Dimensions

Size code	SSR120C-10S
A(mm)	2940
W(mm)	2285
L(mm)	5785
D(mm)	1500
H(mm)	3000
B(mm)	2130
K(mm)	440



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The product configuration (including technical parameters) is subject to change and the delivered actual machine without notice.

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