



SSR180C-8 SINGLE DRUM ROLLER



Extended life time

- ◆ The use of water wheel type lubrication on the vibratory bearing extends the bearing life up to 5,000 hours.
- ◆ Double filtration of engine high intake air, the hydraulic system contains three stage filtration.

High efficiency

- ◆ 10% greater excitation force than other products in the same category resulting in 16.7% greater production.

Operator comfort

- ◆ Cab mounted on vibration damping mounts
- ◆ Cab temperature control
- ◆ Operator control forces have been reduced

Safety features

- ◆ Rounded bumpers front and rear
- ◆ Large rear glass and sloped hood for greater visibility

Technical specifications

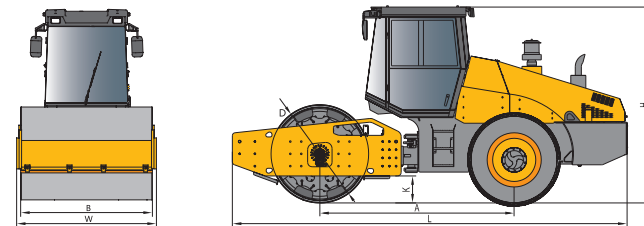
Model		SSR180C-8
Weight and load	Operating weight (kg)	18000
	Weight at drum (kg)	12400
	Weight at rear axle (kg)	5600
	Drum static linear load (N/cm)	582
Compaction	Vibration frequency (Hz)	29/35
	Nominal amplitude (mm)	2.0/1.0
	Centrifugal force (kN)	380/275
	Drum diameter (mm)	1600
	Drum width (mm)	2130
	Drum edge thickness (mm)	40
Maneuver ability	Travel speed (km/h)	0~4
		0~5.5
		0~6
		0~8
	Gradeability	45%
	Ground clearance (mm)	410
	Wheelbase (mm)	3182
	Steering angle (°)	±35
	Swing angle (°)	±12
	Min. turning outside diameter (mm)	12350
	Tires	23.1-26-12PR
Engine	Brand	CUMMINS
	Model	QSB5.9-C180-33
	Emission	NR3
	Rated power (kW)	133
Capacity	Battery (V × Ah)	24 × 120
	Fuel tank (L)	300
	Hydraulic oil tank (L)	150

Standard configurations

Config.	Systems	Description	Qty	Details		Remarks
Standard confi.	Main machine	SSR180C-8 single drum roller, standard	1	1. Engine	9. Electrical system	
				2. Travel pump	10. Operating system	
Optional confi.	Shed	Shed	1	Low cost		Optional
	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	SSR180C-8
A(mm)	3182
W(mm)	2318
L(mm)	6497
D(mm)	1600
H(mm)	3300
B(mm)	2130
K(mm)	410



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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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