



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

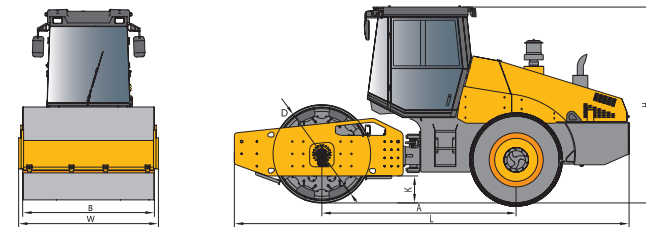
Model		SSR180C-8
Weight and load	Operating weight (kg)	18000
	Weight at drum (kg)	12400
	Weight at rear axle (kg)	5600
	Drum static linear load (N/cm)	582
Compaction	Vibration frequency (Hz)	29/35
	Nominal amplitude (mm)	2.0/1.0
	Centrifugal force (kN)	380/275
	Drum diameter (mm)	1600
	Drum width (mm)	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	DONGFENG CUMMINS
	Model	QSB5.9-C180-33
	Emission	China III
	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 2. Travel pump 3. Vibration pump 4. Travel motor 5. Vibration motor 6. Reduction gears 7. Operating platform 8. Vibratory drum (Smooth)	9. Electrical system 10. Operating system 11. Front frame 12. Rear frame 13. Covering part 14. Rear axle assembly 15. Center articulated frame 16. Cab+Air Con
				Shed	Shed
Optional confi.	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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