



SSR100C-10 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

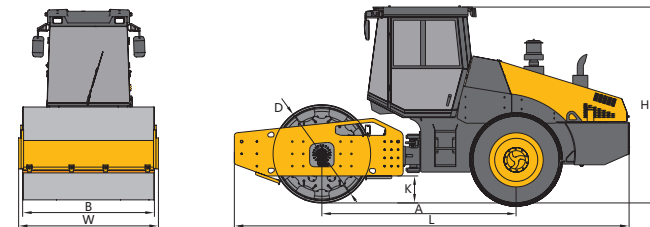
Model		SSR100C-10
Load	Operating mass (kg)	10000
	Mass allocated to vibrating drum (kg)	5700
	Mass allocated to driving axle (kg)	4300
	Static linear load of vibrating drum (N/cm)	268
Compaction	Vibration frequency (Hz)	30/30
	Nominal amplitude (mm)	2.0/1.0
	Centrifugal force (kN)	246/124
	Diameter of vibrating drum (mm)	1500
	Width of vibrating drum (mm)	2130
	Vibrating drum rim thickness (mm)	25
Maneuverability	Travel speed (km/h)	0~6.0
		0~7.5
		0~8.5
		0~12.5
	Theoretical gradeability	50% / 53%
	Min. ground clearance (mm)	480
	Wheelbase (mm)	2868
	Steering angle (°)	± 35
	Swing angle (°)	± 12
	Min. turning outer diameter (mm)	11600
	Tire specification	23.1-26-12PR
Engine	Brand	DONGFENG CUMMINS
	Model	QSB3.9-C125-30
	Emission	NR3
	Rated power (kW)	93
Capacities	Battery (V × Ah)	24 × 120
	Fuel tank (L)	250
	Hydraulic oil tank (L)	100

Standard configurations

Config.	Systems	Description	Qty	Details		Remarks
Standard confi.	Main machine	SSR100C-10 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	1	Low cost		Optional
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	SSR100C-10
A(mm)	2868
W(mm)	2285
L(mm)	5775
D(mm)	1500
H(mm)	3225
B(mm)	2130
K(mm)	480



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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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