



# 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

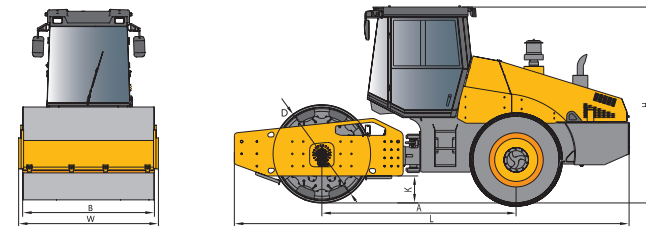
Model		SSR100C-10
Weight and load	Operating weight (kg)	10000
	Weight at drum (kg)	5700
	Weight at rear axle (kg)	4300
	Drum static linear load (N/cm)	268
Compaction	Vibration frequency (Hz)	30/30
	Nominal amplitude (mm)	2.0/1.0
	Centrifugal force (kN)	246/124
	Drum diameter (mm)	1500
	Drum width (mm)	2130
	Drum edge thickness (mm)	25
Maneuver ability	Travel speed (km/h)	0~6.0
		0~7.5
		0~8.5
		0~12.5
	Gradeability	50% / 53%
	Ground clearance (mm)	480
	Wheelbase (mm)	2868
	Steering angle (° )	± 35
	Swing angle (° )	± 12
	Min. turning outside diameter (mm)	11600
	Tires	23.1-26-12PR
Engine	Brand	DONGFENG CUMMINS
	Model	QSB3.9-C125-30
	Emission	NR3
	Rated power (kW)	93
Capacity	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	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	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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