

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

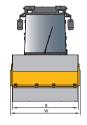
	Model	SSR160C-8		
Weight and load	Operating weight (kg)	16000		
	Weight at drum (kg)	9200		
	Weight at rear axle (kg)	6800		
	Drum static linear load (N/cm)	432		
Compaction	Vibration frequency (Hz)	33/36		
	Nominal amplitude (mm)	1.9/1.0		
	Centrifugal force (kN)	300/210		
	Drum diameter (mm)	1500		
	Drum width (mm)	2130		
	Drum edge thickness (mm)	25		
	Travel speed (km/h)	0~4.6		
	maver speed (MT/T)	0~8.2		
	Gradeability	50%		
Maneuver ability	Ground clearance (mm)	410		
	Wheelbase (mm)	2980		
	Steering angle (°)	±35		
	Swing angle (°)	± 12		
	Min. turning outside diameter (mm)	11800		
	Tires	20.5-25-16PR		
	Brand	DONGFENG CUMMINS		
Engine	Model	6BTAA5.9-C180		
Liigiiie	Emission	1		
	Rated power (kW)	132		
Capacity	Battery (V×Ah)	24×120		
	Fuel tank (L)	300		
	Hydraulic oil tank (L)	150		

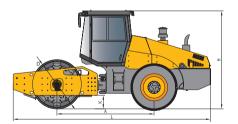
Standard configurations

Config.	Systems	Description	Qty	Details		Remarks
Standard confi.	Main machine	SSR160C-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	
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	SSR160C-10
A(mm)	2980
W(mm)	2286
L(mm)	5800
D(mm)	1500
H(mm)	3200
B(mm)	2130
K(mm)	410





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