

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	SSR140AC-8		
Load	Operating mass (kg)	14000		
	Mass allocated to vibrating drum (kg)	7000		
	Mass allocated to driving axle (kg)	7000		
	Static linear load of vibrating drum (N/cm)	328		
	Vibration frequency (Hz)	33/36		
	Nominal amplitude (mm)	1.9/1.0		
0	Centrifugal force (kN)	290/200		
Compaction	Diameter of vibrating drum (mm)	1500		
	Width of vibrating drum (mm)	2130		
	Vibrating drum rim thickness (mm)	25		
	Travel speed (km/h)	0~5.5		
	mator oppose (willy)	0~12		
	Theoretical gradeability	35%		
Maneuverability	Min. ground clearance (mm)	410		
	Wheelbase (mm)	2980		
	Steering angle (°)	±35		
	Swing angle (°)	± 12		
	Min. turning outer diameter (mm)	11800		
	Tire specification	20.5-25-16PR		
Engine	Brand	Dongfeng Cummins		
	Model	6BTAA5.9-C180		
	Emission	1		
	Rated power (kW)	132		
	Battery (V×Ah)	24×120		
Capacities	Fuel tank (L)	300		
	Hydraulic oil tank (L)	150		

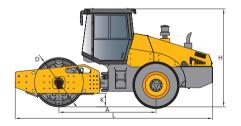
Standard configurations

Config.	Systems	Description	Qty	De	tails	Remarks
Standard confi.	Main machine	SSR140AC-8 single drum roller, standard	1	1. Engine 2. Travel pump 3. Vibration pump 4. Travel motor 5. Vibration motor 6. Operating platform 7. Vibratory drum (Smooth) 8. Electrical system	9. Operating system 10. Front frame 11. Rear frame 12. Covering part 13. Rear axle assembly 14. Center articulated frame 15. Cab+Air Con	
Optional confi.	Shed	Shed	1	Low cost		Optional
	Vibratory drum with welded pad foot	lided pad Drum with welded 1 cannot be removed, suitable for compaction of		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	SSR140AC-8
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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