



SSR80 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.

Safety features

- ◆ Rounded bumpers front and rear
- ◆ Large rear glass and sloped hood for greater visibility

Technical specifications

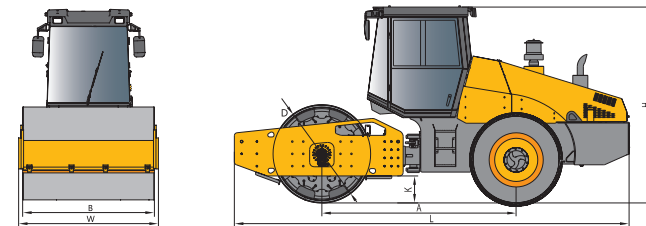
	Model	SSR80
Weight and load	Operating weight (kg)	7650
	Weight at drum (kg)	4070
	Weight at rear axle (kg)	3580
	Drum static linear load (N/cm)	/
Compaction	Vibration frequency (Hz)	29.5/33.5
	Nominal amplitude (mm)	1.5/1
	Centrifugal force (kN)	132/110
	Drum diameter (mm)	1215
	Drum width (mm)	1676
	Drum edge thickness (mm)	20
Maneuver ability	Travel speed (km/h)	0~4.5
		0~6.5
		0~8.5
		0~11.5
	Gradeability	60%
	Ground clearance (mm)	376
	Wheelbase (mm)	2675
	Steering angle (°)	±37
	Swing angle (°)	±12
	Min. turning outside diameter (mm)	9750
	Tires	14.9R24
Engine	Brand	YANMAR
	Model	4TNV98CT-VSY
	Emission	Stage V
	Rated power (kW)	53.7
Capacity	Battery (V × Ah)	12 × 120
	Fuel tank (L)	130
	Hydraulic oil tank (L)	65

Standard configurations

Config.	Systems	Description	Qty	Details	Remarks
Standard confi.	Main machine	SSR80(US) 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. Electrical system 9. Operating system 10. Front frame 11. Rear frame 12. Covering part 13. Rear axle assembly 14. Center articulated frame
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	SSR80
A(mm)	2685
W(mm)	1830
L(mm)	5160
D(mm)	1377
H(mm)	3095
B(mm)	1676
K(mm)	376



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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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