



# 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

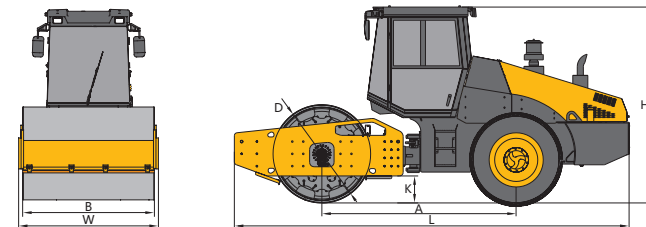
Model		SSR80
Load	Operating mass (kg)	7650
	Mass allocated to vibrating drum (kg)	4070
	Mass allocated to driving axle (kg)	3580
	Static linear load of vibrating drum (N/cm)	/
Compaction	Vibration frequency (Hz)	29.5/33.5
	Nominal amplitude (mm)	1.5/1
	Centrifugal force (kN)	132/110
	Diameter of vibrating drum (mm)	1215
	Width of vibrating drum (mm)	1676
	Vibrating drum rim thickness (mm)	20
Maneuverability	Travel speed (km/h)	0~4.5
		0~6.5
		0~8.5
		0~11.5
	Theoretical gradeability	60%
	Min. ground clearance (mm)	376
	Wheelbase (mm)	2675
	Steering angle (°)	±37
	Swing angle (°)	±12
	Min. turning outer diameter (mm)	9750
	Tire specification	14.9R24
Engine	Brand	YANMAR
	Model	4TNV98CT-VSY
	Emission	Stage V
	Rated power (kW)	53.7
Capacities	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
				Vibratory drum with welded pad foot	Drum with welded pad foot
Optional confi.	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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