

## PRODUCT SPECIFICATIONS ROLLER || SSR80

### MACHINE PARAMETERS

ENGINE		
Engine Model	Yanmar 4TNV98CT-VSY	
Emission	Stage V	
Rated Gross Power	72 HP @ 2,100 RPM	53.7kW @ 2100 RPM
Rated Net Power	68 HP @ 2,100 RPM	50.9kW @ 2100 RPM
Max Torque	214 lb-ft	290 N.m @ 1350 RPM
Low Idle / High Idle	1000 rpm / 2250 rpm	1000 rpm / 2250 rpm
Displacement	0.88 gal	3.318 L
Stroke	4.3"	110 mm
Bore	3.9"	98 mm
# of Cylinders	4	
Max. Travel Speed	0~2/0~3 mph; 0~4/0~6 mph	0~6.5/0~7 km/h; 0~8.5/0~12.3 km/h
WEIGHTS		
Operating Weight	15,752 lbs	7135 kg
Weight at Drum	7,831 lbs	3 552 kg
Weight at Axle	7,899 lbs	3 583 kg
Weight with Padfoot Kit	17,130 lbs	7 770kg
ELECTRICAL		
Battery	Model	6-QW-120MF
Voltage	12V	
CCA	850 Amp	
Capacity	120 Ah	
Alternator	Amp	70 Amp
Voltage	24V	
Power Outlet	Voltage	12V
USB	12V	
VIBRATORY SYSTEM		
Frequency	29.5 / 33.5 Hz	
Amplitude	1.9 / 1.2	
Static Linear Load	125 lbs/in	219 N/cm
Centrifugal Force	29,675 / 24,729 lbs	132 / 110 kN

DRIVE SYSTEM		
Tires	14.9R24	
Parking Brakes	290~348 Psi	2~2.4 MPa
Gradeability Smooth Drum	50%	
Gradeability Padfoot	40%	
Articulation	+/- 37°	
Oscillation Angle	+/- 12°	

SERVICEABILITY AND FILL CAPACITIES		
Fuel Tank	34.3 gal	130 L
DEF Tank	--	--
Cooling System	10.5 gal	39.7 L
Hydraulic Tank	17.2 gal	65 L
Engine Oil (with filter)	5.3 gal	20 L
Vibratory Drum	2.6 gal	10 L
Drum Final Drive (Reducer)	1.6 gal	6 L
Axle Final Drives	0.5 gal	1.8 L
Rear Axle	5.3 gal	20.0 L
Travel Bearing (Grease)	0.9 gal	3.4 L

SOUND LEVEL		
Operator's Ear in the Cab	76.9 db	
External	103.3 db	
PADFOOT SHELL KIT		
# of Pads	84	
Pad Height	3 in	75 mm
Pad Face Area	10 in <sup>2</sup>	65 cm <sup>2</sup>

**SANY CANADA**

• [sanycanada.com](http://sanycanada.com)  
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\*Warranty applies to 2023 Crane, Telehandler, Grader and Roller models only.

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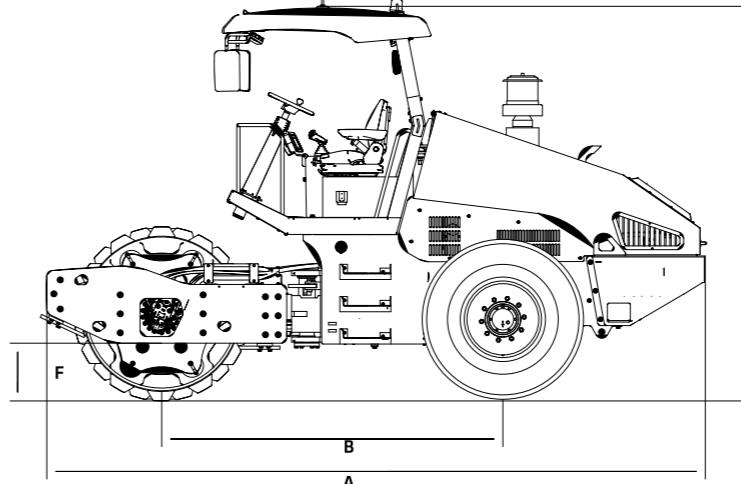
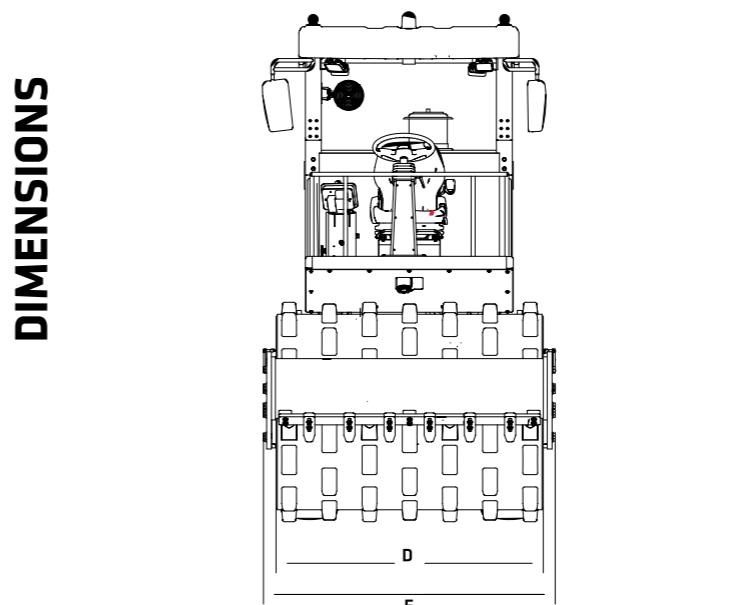
### SINGLE DRUM ROLLER

**SSR80**

#### STANDARD FEATURES

- Components from brands you trust like Yanmar engines and Danfoss hydraulic motors for dependable performance
- Clear lines of sight and a suspension seat offer operator comfort and job site safety
- Pad foot shell kit comes standard
- ROPS/FOPS Certified

#### DIMENSIONS



#### OVERALL DIMENSIONS

<b>A</b> Overall Length	16' 11"	5 160 mm
<b>B</b> Wheelbase	8' 9"	2 675 mm
<b>C</b> Overall Height Smooth Drum	10'	3 050 mm
<b>C</b> Overall Height with Padfoot	10' 3"	3 125 mm
<b>D</b> Drum Width	66"	1 676 mm
<b>E</b> Overall Width	6'	1 830 mm
<b>F</b> Ground Clearance	1' 3"	376 mm
Drum Diameter	4'	1 215 mm
Drum Shell Thickness	0.8"	20 mm
Inside Turning Radius	10' 8"	3 250 mm
Min. Outside Turning Radius	16' 3"	4 950 mm
Curb Clearance	1' 3"	376 mm

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**SANY**

### STANDARD FEATURES

<b>SSR80</b>	<b>OPERATOR'S STATION</b>
<b>S</b>	Open platform with handrails/guardrails
<b>S</b>	3" Seatbelt
<b>S</b>	ROPS/FOPS canopy
<b>S</b>	12 and 24v outlets 60 watt 5 amp
<b>S</b>	Illuminated gauge: diesel exhaust fluid, engine coolant, and fuel levels
<b>S</b>	Horn
<b>S</b>	Hour meter, electric
<b>S</b>	External rearview mirrors
<b>S</b>	Adjustable, tilting steering wheel
<b>S</b>	Multifunction, color LCD monitor with: diagnostic capability / multiple-languages
<b>S</b>	Single lever control for travel and vibration
<b>S</b>	Engine check, engine coolant temperature indicator
<b>S</b>	Light with audible alarm, low-alternator charge indicator light, low-fuel indicator light, low DEF indication with audible alarm, fault code alert indicator, fuel rate display, wiper-mode indicator, work lights on indicator, and work-mode indicator
<b>S</b>	Hydraulic oil filter restriction indicator light
<b>S</b>	Cup holder

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### STANDARD FEATURES

<b>SSR80</b>	<b>POWERTRAIN</b>
<b>S</b>	74 hp Yanmar Engine
<b>S</b>	U.S. EPA Tier 4 Final / EU Stage V emissions standards
<b>S</b>	Three speed throttle switch
<b>S</b>	Dual-element dry air filter
<b>S</b>	Flow Divider
<b>S</b>	Electronic engine control
<b>S</b>	Limited slip differential
<b>S</b>	Fuel filter with water separator
<b>S</b>	Full-flow oil filter
<b>S</b>	Turbocharger with charge air cooler
<b>S</b>	500-hour engine oil change interval
<b>S</b>	Engine air precleaner
<b>VIBRATORY SYSTEM</b>	
<b>S</b>	Smooth drum
<b>S</b>	Dual amplitude, dual frequency
<b>S</b>	Auto vibe function
<b>S</b>	Dual adjustable steel smooth drum scrapers
<b>S</b>	Dual adjustable steel padfoot drum scrapers
<b>S</b>	Padfoot shell kit
<b>ELECTRICAL</b>	
<b>S</b>	24 volt electrical system
<b>S</b>	Ground level electrical disconnect (lockout tag out)
<b>S</b>	850 cold cranking amps battery capacity
<b>S</b>	Positive-terminal battery covers
<b>S</b>	Back-up alarm
<b>S</b>	Emergency stop
<b>S</b>	Rotating beacon light
<b>S</b>	Halogen work lights
<b>S</b>	Indicator and hazard lights all LED