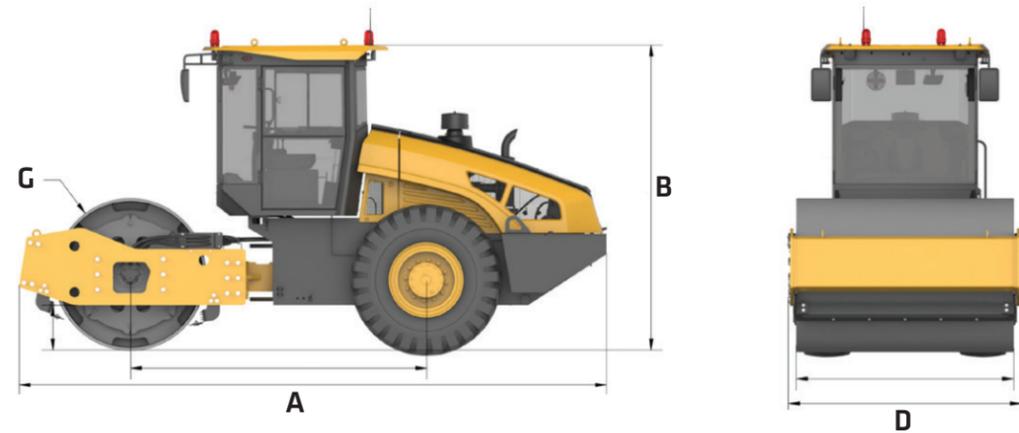




SSR212

84" SINGLE DRUM ROLLER **27,337 LBS** OPERATING WEIGHT
84" VIBRATION DRUM
24~32/28~36 VIBRATION FREQUENCY LOW & HIGH



DIMENSIONS

A Overall Length	19'
B Overall Height (Smooth Drum)	9' 10"
C Overall Height (Padfoot)	10'
D Overall Width	7' 6"
E Inside Turning Radius	11' 8"
F Min. Outside Turning Radius	19' 2"
G Drum Shell Thickness	1"

SERVICE REFILL CAPACITIES

Battery	55.5 US gal
Fuel Tank	21.1 US gal
Hydraulic Oil Tank	4.2 gal
DEF Tank	5.3 gal
Cooling System	4 gal
Engine Oil (with filter)	2.6 gal
Vibratory Drum Oil	0.9 gal
Drum Final Drive Oil	4.2 gal
Rear Axle Oil	1.76 lbs
Travel Bearing Grease	13.2 gal

TECHNICAL SPECIFICATIONS

ENGINE

Model	Cummins QSB4.5
Emission	T4F
Rated Gross Power	160 hp
Max Torque	460 @ 1,500 lb-ft / rpm
Displacement	274.6 cu. in.
Bore	4"
Stroke	5"
Low / Econ / Rated RPM	900 / 1,600 / 1,800 rpm

LOAD

Operating Weight	27,337 lbs
Static Linear Load	3,970 lbs/in.
Static Weight on Drum	12,015 lbs
Static Weight on Tires	15,323 lbs
Centrifugal Force	73,300 lbf
Nominal Amplitude	0.071 / 0.035 in.

COMPACTION

Centrifugal Force	62960 / 48560 lbf
Vibration Amplitude	0.071 / 0.035 in.
Vibration Frequency	36 / 32 Hz
Drum Width	84"
Drum Diameter	4' 11"
Static Linear Load	182 lbs/in.

In the interest of continual equipment development, SANY America Inc. reserves the right to change these specifications at any time without prior notification.
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*Warranty applies to 2026 Crane, Telehandler, Grader and Roller models only.

SANY America Inc. 318 SANY Way
 Peachtree City, Georgia 30269
 470.552.SANY sanyamerica.com



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SSR212

**84" SINGLE DRUM
ROLLER**

26,676 LBS OPERATING WEIGHT
84" VIBRATION DRUM
36/32 VIBRATION FREQUENCY HIGHT & LOW

STANDARD FEATURES

POWERTRAIN

QSB4.5 Cummins T4F
U.S. EPA Tier 4 Final / EU Stage V emissions standards
Three speed throttle switch
Dual-element dry air filter
Electronic engine control
High torque drum drive reducer
Fuel filter with water separator
Full-flow oil filter
Turbocharger with charge air cooler
500-hour engine oil change interval
Engine air precleaner

VIBRATORY SYSTEM

Smooth drum
Dual amplitude, selective frequency
Dual adjustable steel smooth drum scrapers

ELECTRICAL

24 volt electrical system
Ground level electrical disconnect (lockout tag out)
850 cold cranking amps battery capacity
Positive-terminal battery covers
Rearview camera
Back-up alarm
Emergency stop
Rotating beacon light
LED work lights

OPERATOR'S STATION

Open platform with handrails/guardrails
AM/FM radio with USB charging and Bluetooth® connectivity
Seatbelt
ROPS/FOPS cab
12 and 24v outlets 60 watt 5 amp
Slef-defrost rear window
Automatic heating and cooling control
Deluxe heated air suspension cloth seat with adjustable armrests
Heavy-duty floor mat
Front windshield wiper with variable speeds
Illuminated gauge: diesel exhaust fluid, engine coolant, and fuel levels
Horn
Hour meter, electric
Internal rearview mirror
External rearview mirrors
Sunvisor
Adjustable, tilting steering wheel
Multifunction, touchscreen LCD monitor with: diagnostic capability / multiple-languages
Single lever control for travel and vibration
Engine check, engine coolant temperature indicator
Light with audible alarm, engine oil pressure indicator 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
Air-suspension, heated seat
Hydraulic oil filter restriction indicator light
Cup holder
Interior lighting
Protection screens for cab front, rear, and side

OTHER SPECIFICATIONS

WEIGHTS

Weight at Axle	11,398 lbs
Weight with Padfoot Kit	29,321 lbs

ELECTRICAL

Battery Model	6-QWL-120
Battery Capacity	120 Ah
CCA	680 BCI
USB Port	Yes

DRIVE SYSTEM

Gradeability (Smooth Drum)	60%
Oscillation Angle	±12°

SOUND LEVEL

Operator Ear (Cab)	76 dB(A)
External	107 dB(A)

PADFOOT KIT

Number of Pads	120 pcs
Pad Height	4"
External	17 in ²