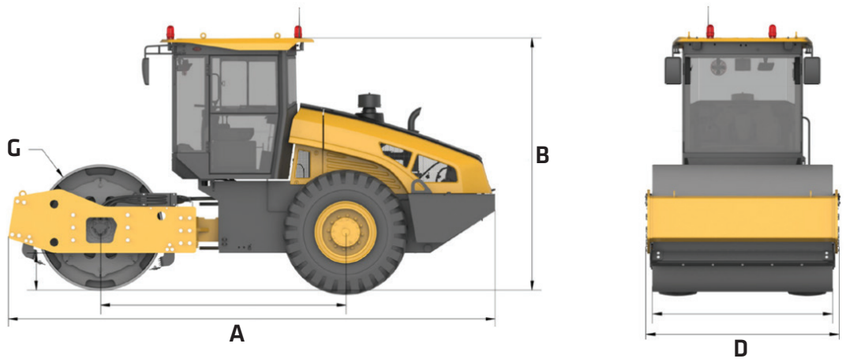


DIMENSIONS		
A	Overall Length	19’
B	Overall Height (Smooth Drum)	9’ 10”
C	Overall Height (Padfoot)	10’
D	Overall Width	7’ 6”
E	Inside Turning Radius	11’ 8”
F	Min. Outside Turning Radius	19’ 2”
G	Drum Shell Thickness	1”

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

In the interest of continual equipment development, SANY America Inc. reserves the right to change these specifications at any time without prior notification.
©2026 SANY America Inc. HEXPS26SSR212001

INDUSTRY’S STRONGEST STANDARD WARRANTY 3-YEAR* 3,000 HOURS

*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

SSR212

84” SINGLE DRUM
ROLLER

27,337 LBS OPERATING WEIGHT
84” VIBRATION DRUM
24~32/28~36 VIBRATION FREQUENCY LOW & HIGH

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.

SANY America Inc. reserves the right to change these specifications at any time without prior notification. ©2026 SANY America Inc. HEXPS26SSR212001

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

In the interest of continual equipment development, SANY America Inc. reserves the right to change these specifications at any time without prior notification.
©2026 SANY America Inc. HEXPS26SSR212001

In the interest of continual equipment development, SANY America Inc. reserves the right to change these specifications at any time without prior notification.
©2026 SANY America Inc. HEXPS25SSR212001