

ENGINE			
Engine Model	Cummins QSB4.5		
Emission	T4F		
Rated Gross Power	160 HP @ 2,200 RPM	119kW@2 200RPM	
Rated Net Power	145 HP @ 2,200 RPM	110kW@2 200RPM	
Max Torque	460 lb-ft @ 1500 RPM	624 N.m @ 1500 RPM	
Low Idle / High Idle	700 rpm / 2386 rpm		
Displacement	4.5 L		
Stroke	4.2"	124 mm	
Bore	4.2"	107 mm	
# of Cylinders	4		
Max. Travel Speed	0~3/0~4 mph; 0~5/0~6 mph	0~5/0~6.5 km/h; 0~8/0~10 km/h	

WEIGHTS			
Operating Weight	26,103 lbs	11 840 kg	
Weight at Drum	14, 065 lbs	6 380 kg	
Weight at Axle	12,037 lbs	5 460 kg	
Weight with Padfoot Kit	29,410 lbs	13 340 kg	

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	32 / 36 Hz		
Amplitude	0.07 / 0.04 in.	1.8 / 0.9 mm	
Static Linear Load	188 lbs/in	329 N/cm	
Centrifugal Force	62,947 / 40,016 lbs	280 / 178 kN	

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

DRIVE SYSTEM			
Tires	23.1-26-14PR		
Parking Brakes	290~348 Psi	2~2.4 MPa	
Gradeability Smooth Drum	60%		
Gradeability Padfoot	55%		
Articulation	+/- 35°		
Oscillation Angle	+/- 8°		

SERVICEABILITY AND FILL CAPACITIES			
Fuel Tank	52.8 gal	200 L	
DEF Tank	5.0 gal	19 L	
Cooling System	10.5 gal	39.7 L	
Hydraulic Tank	31.7 gal	120 L	
Engine Oil (with filter)	5.6 gal	21 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	82.0 db		
External	108.0 db		

PADFOOT SHELL KIT			
# of Pads	108		
Pad Height	4 in	100 mm	
Pad Face Area	11.5 in ²	74 cm ²	

SINGLE DRUM ROLLER

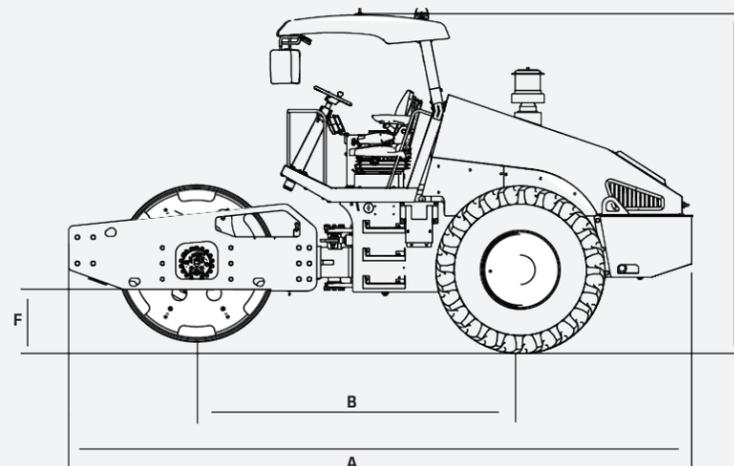
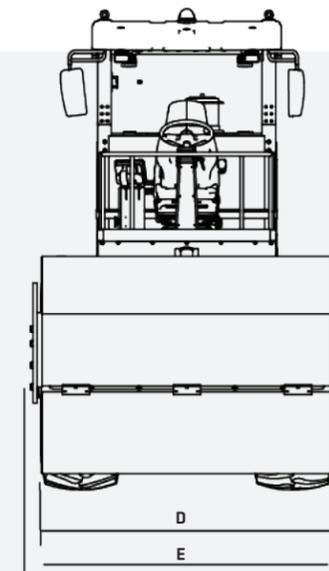
||| SSR120HT

STANDARD FEATURES

- ➔ Components from brands you trust like Cummins 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
- ➔ Dual pump propulsion drive system

145 hp
Net Power
26,103 lbs
Operating Weight
84"
Drum Width

DIMENSIONS



OVERALL DIMENSIONS

A Overall Length	18' 10"	5 750 mm
B Wheelbase	9' 11"	3 023 mm
C Overall Height Smooth Drum	11' 1"	3 390 mm
C Overall Height with Padfoot	11' 5"	3 490 mm
D Drum Width	84"	2 130 mm
E Overall Width	7' 4"	2 240mm
F Ground Clearance	1' 7"	480 mm
Drum Diameter	4' 11"	1 500 mm
Drum Shell Thickness	1"	25 mm
Inside Turning Radius	12' 7"	3 828 mm
Min. Outside Turning Radius	19' 7"	5 958 mm
Curb Clearance	1' 7"	470 mm



*Warranty applies to 2023 Crane, Telehandler, Grader and Roller models only.

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PRODUCT SPECIFICATIONS ROLLER ||| SSR120HT



STANDARD FEATURES

s = standard

SSR120HT	POWERTRAIN
s	4.5L Cummins
s	Three speed throttle switch
s	Dual-element dry air filter
s	Dual propel pumps; one for drum drive, one for rear axle
s	Electronic engine control
s	Limited slip differential
s	Fuel filter with water separator
s	Full-flow oil filter
s	Turbocharger with charge air cooler
s	500-hour engine oil change interval
s	Engine air precleaner
VIBRATORY SYSTEM	
s	Smooth drum
s	Dual amplitude, dual frequency
s	Auto vibrate function
s	Dual adjustable steel smooth drum scrapers
s	Dual adjustable steel padfoot drum scrapers
s	Padfoot shell kit
ELECTRICAL	
s	24 volt electrical system
s	Ground level electrical disconnect (lockout tag out)
s	850 cold cranking amps battery capacity
s	Positive-terminal battery covers
s	Back-up alarm
s	Emergency stop
s	Rotating beacon light
s	LED work lights
s	Indicator and hazard lights all LED

PRODUCT SPECIFICATIONS ROLLER ||| SSR120HT



STANDARD FEATURES

s = standard

SSR120HT	OPERATOR'S STATION
s	Open platform with handrails/guardrails
s	3" Seatbelt
s	ROPS/FOPS canopy
s	12 and 24v outlets 60 watt 5 amp
s	Illuminated gauge: diesel exhaust fluid, engine coolant, and fuel levels
s	Horn
s	Hour meter, electric
s	External rearview mirrors
s	Adjustable, tilting steering wheel
s	Multifunction, color LCD monitor with: diagnostic capability / multiple-languages
s	Single lever control for travel and vibration
s	Engine check, engine coolant temperature indicator
s	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
s	Hydraulic oil filter restriction indicator light
s	Cup holder