

STANDARD FEATURES

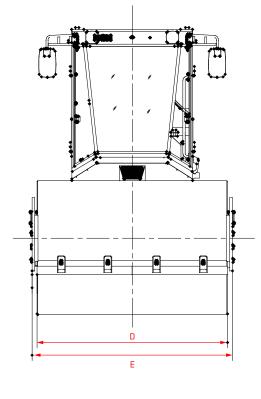
- Steering wheel control for simple and easy operation
- Cummings Powered for dependable performance
- Clear lines of sight, back up camera and air suspension seat offer operator comfort and job site safety
- Smooth drum standard pad foot shell kit available

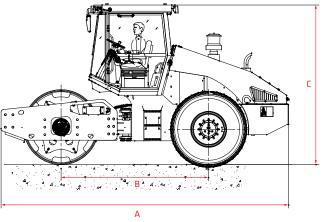
Net Power 162 hp / 119 kW

Operating Weight 26,455 lb / 12 000 kg

Drum Width 84 in / 2 130 mm

PRODUCT SPECIFICATIONS





OVERALL DIMENSIONS

	STANDARD	METRIC
A Overall Length	18' 10"	5 750 mm
B Wheelbase	9' 8"	2 950 mm
c Height	10' 6"	3 190 mm
D Drum Width	7'	2 130 mm
E Overall Width	7' 4"	2 240 mm

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

SANY SSR120C-8

Machine Parameters

Excitation Force61,729/39,242 lbf280/178 kNDrum Diameter59 in1500 mmDrum Width84 in2130 mmDrum Edge Thickness1 in25 mm				
Rated Power 162 hp 119 kw Rated Power 162 hp 119 kw Coperating Overall Length 18' 10" 5 750 mm Height 10' 6" 3 190 mm Overall Width 7' 4" 2 240 mm Operating Weight 26,455 lb 12 000 kg Weight at Drum 15,432 lb 7 000 kg Weight at Rear Axle 11,023 lb 5 000 kg Drum Static Linear Load 188 lbs/in 329 N/cm Vibration Frequency 32/3/2+LZ 7 Nominal Amplitude 0.071/0.035 in 1.8/0.9 mm Drum Diameter 59 in 1500 mm Drum Width 84 in 2130 mm Drum Edge Thickness 1 in 25 mm Travel Speed 0-51/0-63 mph 0-62/0-73 km Gradeability 51/0 50.00 kg	Engine			
Note of oth Note of oth Operating 18' 10" 5 750 mm Overall Length 18' 10" 5 750 mm Height 10' 6" 3 190 mm Overall Width 7' 4" 2 240 mm Operating Weight 26,455 lb 12 000 kg Weight at Drum 15,432 lb 7 000 kg Weight at Rear Axle 11,023 lb 5 000 kg Drum Static Linear Load 188 lbs/in 329 N/cm Vibration Frequency 32/3/LL 700 mm Drum Diameter 61,729/39,242 lbf 280/178 kN Drum Diameter 59 in 1500 mm Drum Width 84 in 2 130 mm Drum Edge Thickness 1 in 25 mm Travel Speed 0-51/0-6.3 mph 0-62/0-73 km Gradeability 51% 10	Engine Model	Cummins QSB4.5		
Overall Length 18' 10" 5 750 mm Height 10' 6" 3 190 mm Overall Width 7' 4" 2 240 mm Operating Weight 26,455 lb 12 000 kg Weight at Drum 15,432 lb 7 000 kg Weight at Rear Axle 11,023 lb 5 000 kg Drum Static Linear Load 188 lbs/in 329 N/cm Vibration Frequency 32/3-EHZ mm Nominal Amplitude 0.071/0.035 in 1.8/0.9 mm Excitation Force 61,729/39,242 lbf 280/178 kN Drum Diameter 59 in 1500 mm Drum Width 84 in 2 130 mm Drum Edge Thickness 1 in 25 mm Travel Speed 0-51/0-6.3 mp 0-62/0-73 km Gradeability 51% 500 kg	Rated Power	162 hp	119 kw	
Overall Length 18' 10" 5 750 mm Height 10' 6" 3 190 mm Overall Width 7' 4" 2 240 mm Operating Weight 26,455 lb 12 000 kg Weight at Drum 15,432 lb 7 000 kg Weight at Rear Axle 11,023 lb 5 000 kg Drum Static Linear Load 188 lbs/in 329 N/cm Vibration Frequency 32/3-EHZ mm Nominal Amplitude 0.071/0.035 in 1.8/0.9 mm Excitation Force 61,729/39,242 lbf 280/178 kN Drum Diameter 59 in 1500 mm Drum Width 84 in 2 130 mm Drum Edge Thickness 1 in 25 mm Travel Speed 0-51/0-6.3 mp 0-62/0-73 km Gradeability 51% 500 kg				
Height 10' 6" 3 190 mm Overall Width 7' 4" 2 240 mm Operating Weight 26,455 lb 12 000 kg Weight at Drum 15,432 lb 7 000 kg Weight at Rear Axle 11,023 lb 5 000 kg Drum Static Linear Load 188 lbs/in 329 N/cm Vibration Frequency 32/3/L 329 N/cm Nominal Amplitude 0.071/0.035 in 1.8/0.9 mm Excitation Force 61,729/39,242 lbf 280/178 kN Drum Diameter 59 in 1500 mm Drum Width 84 in 2 130 mm Drum Edge Thickness 1 in 25 mm Travel Speed 0-51/0-6.3 mph 0-62/0-73 km Gradeability 51/0-73 km 51/0-73 km	Operating			
Overall Width 7' 4" 2 240 mm Operating Weight 26,455 lb 12 000 kg Weight at Drum 15,432 lb 7 000 kg Weight at Drum 11,023 lb 5 000 kg Drum Static Linear Load 188 lbs/in 329 N/cm Vibration Frequency 32/3/2/2 1.80.9 mm Excitation Force 61,729/39,242 lbf 280/178 kN Drum Diameter 59 in 1 500 mm Drum Width 84 in 2 130 mm Drum Edge Thickness 1 in 25 mm Travel Speed 0-51/0-6.3 mph 0-62/0-73 km Gradeability 51/0 50.2 km	Overall Length	18' 10"	5 750 mm	
Operating Weight 26,455 lb 12 000 kg Weight at Drum 15,432 lb 7 000 kg Weight at Rear Axle 11,023 lb 5 000 kg Drum Static Linear Load 188 lbs/in 329 N/cm Vibration Frequency 327-FZ 327 Nominal Amplitude 0.071/0.035 in 1.8/0.9 mm Drum Diameter 61,729/39.242 lbf 280/178 kN Drum Diameter 59 in 1 500 mm Drum Kidth 84 in 2 130 mm Drum Edge Thickness 1 in 25 mm Travel Speed 0-51/0-63 mph 0-62/0-73 km Gradeability 51/0-63 mph 50-20/0-73 km	Height	10' 6"	3 190 mm	
Weight at Drum 15,432 lb 7 000 kg Weight at Rear Axle 11,023 lb 5 000 kg Drum Static Linear Load 18 lbs/in 329 N/cm Vibration Frequency 32/3 - HZ Nominal Amplitude 0.071/0.035 in 1.8/0.9 mm Excitation Force 61,729/39,242 lbf 280/178 kN Drum Diameter 59 in 1 500 mm Drum Width 84 in 2 130 mm Drum Edge Thickness 1 in 25 mm Travel Speed 0-51/0-6.3 mph 0-6.2/0-73 km Gradeability 51% 500 kg	Overall Width	7' 4"	2 240 mm	
Weight at Rear Axle 11,023 lb 5 000 kg Drum Static Linear Load 188 lbs/in 329 N/cm Vibration Frequency 32/3- HZ Nominal Amplitude 0.071/0.035 in 1.8/0.9 mm Excitation Force 61,729/39,242 lbf 280/178 kN Drum Diameter 59 in 1500 mm Drum Width 84 in 2 130 mm Drum Edge Thickness 1 in 25 mm Travel Speed 0-51/0-6.3 mph 0-62/0-73 km Gradeability 51/0 500 kg	Operating Weight	26,455 lb	12 000 kg	
Jump Static Linear Load188 lbs/in329 N/cmVibration Frequency32/3< HZ	Weight at Drum	15,432 lb	7 000 kg	
Vibration Frequency 32/36 HZ Nominal Amplitude 0.071/0.035 in 1.8/0.9 mm Excitation Force 61,729/39,242 lbf 280/178 kN Drum Diameter 59 in 1500 mm Drum Width 84 in 2 130 mm Drum Edge Thickness 1 in 25 mm Travel Speed 0~51/0~6.3 mph 0~8.2/0~101 km Travel Speed with Compactor Engaged 0~3.9/0~4.5 mph 0~6.2/0~73 km Gradeability 51 km 51 km	Weight at Rear Axle	11,023 lb	5 000 kg	
Nominal Amplitude0.071/0.035 in1.8/0.9 mmExcitation Force61,729/39,242 lbf280/178 kNDrum Diameter59 in1500 mmDrum Width84 in2 130 mmDrum Edge Thickness1 in25 mmTravel Speed0~51/0~6.3 mph0~8.2/0~101 kmTravel Speed with Compactor Engaged0~3.9/0~4.5 mph0~6.2/0~73 kmGradeability51 km51 km	Drum Static Linear Load	188 lbs/in	329 N/cm	
Excitation Force 61,729/39,242 lbf 280/178 kN Drum Diameter 59 in 1 500 mm Drum Width 84 in 2 130 mm Drum Edge Thickness 1 in 25 mm Travel Speed 0~51/0~6.3 mph 0~8.2/0~101 km Travel Speed with Compactor Engaged 0~3.9/0~4.5 mph 0~6.2/0~73 km Gradeability 51 % 51 %	Vibration Frequency	32/36 HZ		
Drum Diameter59 in1 500 mmDrum Width84 in2 130 mmDrum Edge Thickness1 in25 mmTravel Speed0~5.1/0~6.3 mph0~8.2/0~10.1 kmTravel Speed with Compactor Engaged0~3.9/0~4.5 mph0~6.2/0~73 kmGradeability51 %1	Nominal Amplitude	0.071/0.035 in	1.8/0.9 mm	
Drum Width 84 in 2 130 mm Drum Edge Thickness 1 in 25 mm Travel Speed 0~5.1/0~6.3 mph 0~8.2/0~10.1 km Travel Speed with Compactor Engaged 0~3.9/0~4.5 mph 0~6.2/0~73.4 km Gradeability 51/0 51/0	Excitation Force	61,729/39,242 lbf	280/178 kN	
Drum Edge Thickness 1 in 25 mm Travel Speed 0~51/0~6.3 mph 0~8.2/0~101km Travel Speed with Compactor Engaged 0~3.9/0~4.5 mph 0~6.2/0~73 km Gradeability 51/0	Drum Diameter	59 in	1 500 mm	
Travel Speed 0~5.1/0~6.3 mph 0~8.2/0~10.1 km Travel Speed with Compactor Engaged 0~3.9/0~4.5 mph 0~6.2/0~73.4 mpl Gradeability 51%	Drum Width	84 in	2 130 mm	
Travel Speed with Compactor Engaged 0~3.9/0~4.5 mph 0~6.2/0~73 km Gradeability 51%	Drum Edge Thickness	1 in	25 mm	
Gradeability 51%	Travel Speed	0~5.1/0~6.3 mph	0~8.2/0~10.1 km/h	
	Travel Speed with Compactor Engaged	0~3.9/0~4.5 mph	0~6.2/0~7.3 km/h	
Ground Clearance 18.9 in 480 mm	Gradeability	51%		
	Ground Clearance	18.9 in	480 mm	
Wheelbase 116.1 in 2 950 mm	Wheelbase	116.1 in	2 950 mm	
Steering Angle ±35°	Steering Angle	±35°		
Swing Angle ±12°	Swing Angle	±12°		
Min. Turning Outside Diameter 456.7 in 11 600 mm	Min. Turning Outside Diameter	456.7 in	11 600 mm	
Tires 23.1–26 8PR	Tires	23.1-26 8PR		

Capacity		
Fuel Tank	52.8 gal	200 L
Hydraulic Oil Tank	31.7 gal	120 L

