

STANDARD FEATURES

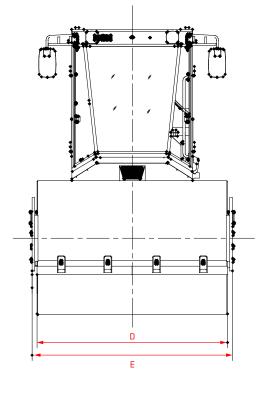
- Steering wheel control for simple and easy operation
- Cummings Powered for dependable performance
- Clear lines of sight, back up camera and air suspension seat offer operator comfort and job site safety
- Smooth drum standard pad foot shell kit available

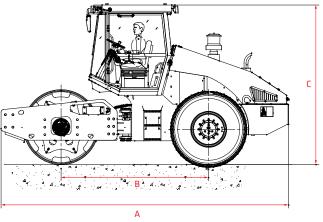
Net Power 162 hp / 119 kW

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 |

