

# SSR120C-8

## PRODUCT SPECIFICATIONS

# SANY



## 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

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## Machine Parameters

### Engine

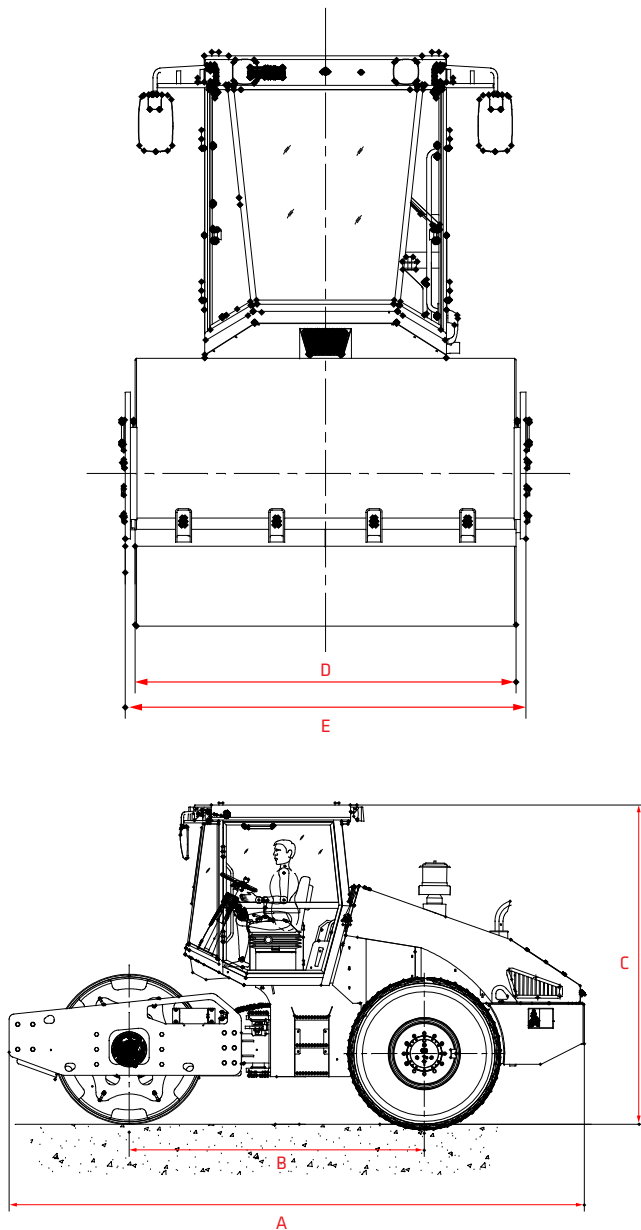
|              |                |        |
|--------------|----------------|--------|
| Engine Model | Cummins QSB4.5 |        |
| Rated Power  | 162 hp         | 119 kw |

### Operating

|                                     |                   |                   |
|-------------------------------------|-------------------|-------------------|
| 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                 | 32/36 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             | 1 500 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/h |
| Travel Speed with Compactor Engaged | 0-3.9/0-4.5 mph   | 0-6.2/0-7.3 km/h  |
| Gradeability                        | 51%               |                   |
| Ground Clearance                    | 18.9 in           | 480 mm            |
| Wheelbase                           | 116.1 in          | 2 950 mm          |
| Steering Angle                      | ±35°              |                   |
| Swing Angle                         | ±12°              |                   |
| Min. Turning Outside Diameter       | 456.7 in          | 11 600 mm         |
| Tires                               | 23.1-26 8PR       |                   |

### Capacity

|                    |          |       |
|--------------------|----------|-------|
| Fuel Tank          | 52.8 gal | 200 L |
| Hydraulic Oil Tank | 31.7 gal | 120 L |



## 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.

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