

PRODUCT SPECIFICATIONS ROLLER ||| SSR80

MACHINE PARAMETERS

| ENGINE               |                          |                                   |  |
|----------------------|--------------------------|-----------------------------------|--|
| Engine Model         |                          | Yanmar 4TNV98CT-VSY               |  |
| Emission             |                          | Stage V                           |  |
| Rated Gross Power    | 72 HP @ 2,100 RPM        | 53.7kW @ 2100 RPM                 |  |
| Rated Net Power      | 68 HP @ 2,100 RPM        | 50.9kW @ 2100 RPM                 |  |
| Max Torque           | 214 lb-ft                | 290 N.m @ 1350 RPM                |  |
| Low Idle / High Idle | 1000 rpm / 2250 rpm      | 1000 rpm / 2250 rpm               |  |
| Displacement         | 0.88 gal                 | 3.318 L                           |  |
| Stroke               | 4.3"                     | 110 mm                            |  |
| Bore                 | 3.9"                     | 98 mm                             |  |
| # of Cylinders       | 4                        |                                   |  |
| Max. Travel Speed    | 0~2/0~3 mph; 0~4/0~6 mph | 0~6.5/0~7 km/h; 0~8.5/0~12.3 km/h |  |

| WEIGHTS                 |            |          |
|-------------------------|------------|----------|
| Operating Weight        | 15,752 lbs | 7 135 kg |
| Weight at Drum          | 7,831 lbs  | 3 552 kg |
| Weight at Axle          | 7,899 lbs  | 3 583 kg |
| Weight with Padfoot Kit | 17,130 lbs | 7 770kg  |

| 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          | 29.5 / 33.5 Hz      |              |
| Amplitude          | 1.9 / 1.2           |              |
| Static Linear Load | 125 lbs/in          | 219 N/cm     |
| Centrifugal Force  | 29,675 / 24,729 lbs | 132 / 110 kN |

| DRIVE SYSTEM             |             |           |
|--------------------------|-------------|-----------|
| Tires                    | 14.9R24     |           |
| Parking Brakes           | 290~348 Psi | 2~2.4 MPa |
| Gradeability Smooth Drum | 50%         |           |
| Gradeability Padfoot     | 40%         |           |
| Articulation             | +/- 37°     |           |
| Oscillation Angle        | +/- 12°     |           |

| SERVICEABILITY AND FILL CAPACITIES |          |        |
|------------------------------------|----------|--------|
| Fuel Tank                          | 34.3 gal | 130 L  |
| DEF Tank                           | --       | --     |
| Cooling System                     | 10.5 gal | 39.7 L |
| Hydraulic Tank                     | 17.2 gal | 65 L   |
| Engine Oil (with filter)           | 5.3 gal  | 20 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 | 76.9 db  |  |
| External                  | 103.3 db |  |

| PADFOOT SHELL KIT |        |        |
|-------------------|--------|--------|
| # of Pads         | 84     |        |
| Pad Height        | 3 in   | 75 mm  |
| Pad Face Area     | 10 in² | 65 cm² |

PRODUCT SPECIFICATIONS



SINGLE DRUM ROLLER



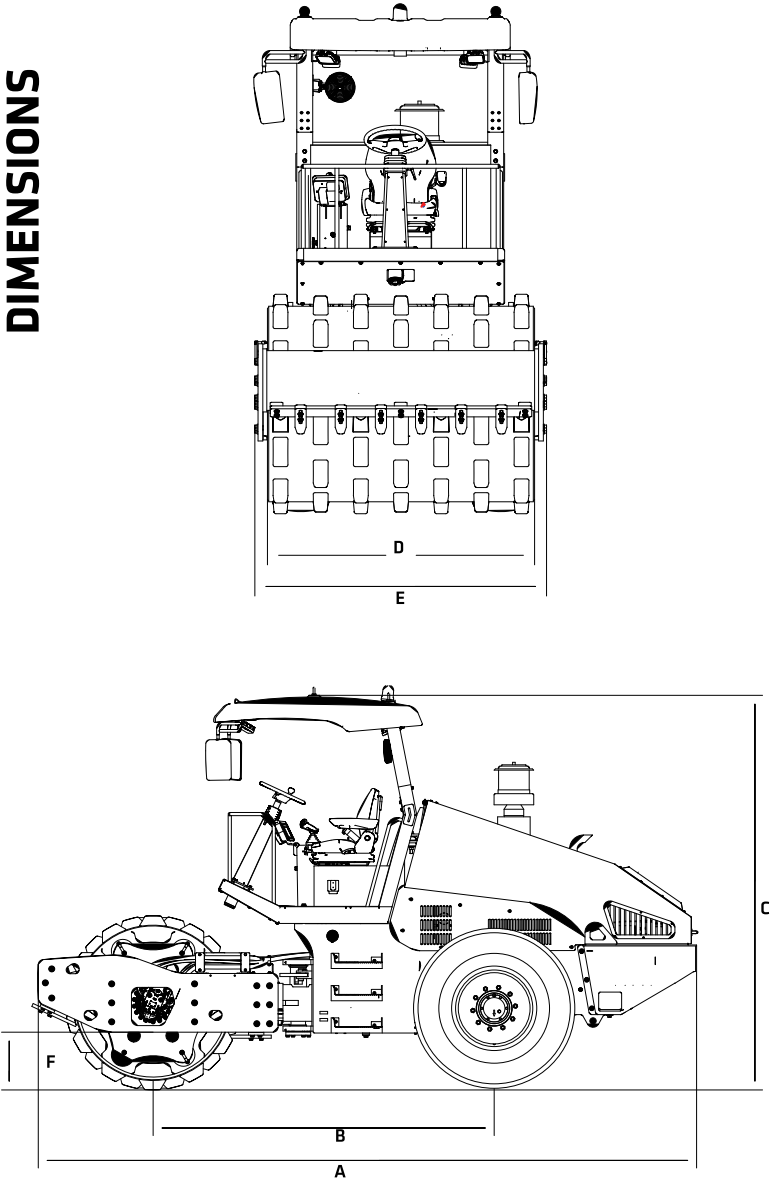
SSR80

STANDARD FEATURES

- ➔ Components from brands you trust like Yanmar 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

72 hp  
Net Power  
15,752 lbs  
Operating Weight  
66"  
Drum Width

DIMENSIONS



OVERALL DIMENSIONS

|   |                             |         |          |
|---|-----------------------------|---------|----------|
| A | Overall Length              | 16' 11" | 5 160 mm |
| B | Wheelbase                   | 8' 9"   | 2 675 mm |
| C | Overall Height Smooth Drum  | 10'     | 3 050 mm |
| C | Overall Height with Padfoot | 10' 3"  | 3 125 mm |
| D | Drum Width                  | 66"     | 1 676 mm |
| E | Overall Width               | 6'      | 1 830 mm |
| F | Ground Clearance            | 1' 3"   | 376 mm   |
|   | Drum Diameter               | 4'      | 1 215 mm |
|   | Drum Shell Thickness        | 0.8"    | 20 mm    |
|   | Inside Turning Radius       | 10' 8"  | 3 250 mm |
|   | Min. Outside Turning Radius | 16' 3"  | 4 950 mm |
|   | Curb Clearance              | 1' 3"   | 376 mm   |

SANY CANADA

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

PRODUCT SPECIFICATIONS ROLLER III SSR80



STANDARD FEATURES

s = standard

| SSR80 | 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   |

PRODUCT SPECIFICATIONS ROLLER III SSR80



STANDARD FEATURES

s = standard

| SSR80            | POWERTRAIN   |
|------------------|--|
| s                | 74 hp Yanmar Engine                                    |
| s                | U.S. EPA Tier 4 Final / EU Stage V emissions standards |
| s                | Three speed throttle switch                            |
| s                | Dual-element dry air filter                            |
| s                | Flow Divider   |
| 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 vibe 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                | Halogen work lights                                    |
| s                | Indicator and hazard lights all LED                    |