**ENGINE**

- **Make**: YANMAR 3TNV88
- **Emissions Certification**: Tier 4 Interim
- **Type**: Diesel
- **Cylinders**: 3
- **Bore/Stroke**: 3.46 x 3.54 in (88 x 90 mm)
- **Displacement**: 100.2 in³ (1 642 cm³)
- **Fuel**: #2 Diesel
- **Cooling**: Liquid
- **Rated engine speeds**: 2100/2400 RPM
- **Horsepower @ rated RPM**:
  - **Gross**: 30.6 hp (22.5 kW)
  - **Net**: 31.5 hp (23.5 kW)

**DRIVETRAIN**

- **Drive**: Hydrostatic
- **Max. working speed**: 3.7 mph (6.0 kph)
- **Max. travel speed**: 6.2 mph (10.0 kph)
- **Service brake**: Hydrostatic
- **Parking brake**: SAHR
- **Emergency brake**: SAHR
- **Drum drive**: Front and rear
- **Drive pump motors**:
  - Variable displacement: 1
  - Fixed displacement: 2
- **Max. relief pressure**: 5,221 psi (36 MPa)
- **Gradeability (vibration off)**: 30% (40%)

**SERVICE CAPACITIES**

- **Fuel tank**: 10.6 gal (40 L)
- **Engine oil**: 16.9 qt (16 L)
- ** Hydraulic system – reservoir**: 4.2 gal (16 L)
- **Water tank**: 52.8 gal (200 L)

**OPERATOR ENVIRONMENT**

- Insulated from chassis by flexible shock absorbers; Handrail; Instrument panel; Anti-vandal guard; Lateral sliding seat; Foldable ROPS protection; Smooth single lever speed and direction control w/vibration and water on/off controls.

**OPERATING WEIGHT**

- **Operating weight**: 5,423 lb (2 460 kg)
- **Max. weight**: 5,842 lb (2 650 kg)
- **Static linear load**: 57.4 lb/in (10.3 kg/cm)

**OTHER SPECIFICATIONS**

- **Steering**:
  - Type: Oscillation/Articulated
  - Method: Hydrostatic
  - Pump type: Gear
  - Steering angle – left and right: 32°
  - Oscillation angle +/-: 8°
  - Inside turning radius: 89 in (2 250 mm)
  - Outside turning radius: 136 in (3 450 mm)
- **Vibration**:
  - System design: Series
  - Pump type: Gear
  - Drum vibration: Front and rear
  - Frequency:
    - Low: 3,480 vpm (58 Hz)
    - High: 3,960 vpm (66 Hz)
  - Number of amplitudes: 1
  - Amplitude: 0.02 in (0.42 mm)
  - Centrifugal force – each drum: 10,566 lb (47 kN)

**STANDARD EQUIPMENT**

- Foldable ROPS
- Anti-vandal guard
- Hydrostatic drive for both drums
- Articulated chassis
- Hydraulic oil cooler
- Backup alarm
- Tapered drum edges
- Vulcollon scrapers – adjustable
- Master disconnect switch
- Horn
- Hourmeter
- 4-point lift and tie down provision
- Flip open hood
- Spin-on fuel, engine oil, and hydraulic filters
- Steering wheel spinner knob

**WATER SYSTEM**

- Pressurized water system
- 2-stage water filtration
- Water system drains
- 53 gallon (200 L) Polyethylene water tank

**VIBRATION SYSTEM**

- Dual vibration
- Dual frequency vibration
- Front/Dual drum vibration control
- Auto vibration stop in neutral

**OPTIONAL EQUIPMENT**

- Rotating beacon
- Weather canopy
- Steel canopy
- 3 in wide seat belt
- Tappable drum scraper
- Infrared thermometer
- Edge cutter
- 2 lights on ROPS (N/A on Weather Canopy)
- Arm rests on seat
- Right & Left Side drive levers
- Heated seat
- ACE Force Intelligent compaction
- Locking water tank cap
Line drawings are for illustrative purpose only and may not be exact representation of unit.

### DIMENSIONS

<table>
<thead>
<tr>
<th>Letter</th>
<th>Description</th>
<th>Measurement</th>
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<tbody>
<tr>
<td>A.</td>
<td>Wheelbase</td>
<td>64.2 in (1,630 mm)</td>
</tr>
<tr>
<td>B.</td>
<td>Drum diameter</td>
<td>27.6 in (700 mm)</td>
</tr>
<tr>
<td>C.</td>
<td>Ground clearance</td>
<td>10.8 in (275 mm)</td>
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<tr>
<td>D.</td>
<td>Overall height</td>
<td>100.4 in (2,550 mm)</td>
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<tr>
<td>E.</td>
<td>Folded ROPS height</td>
<td>76.0 in (1,930 mm)</td>
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<tr>
<td>F.</td>
<td>Overall length</td>
<td>98.7 in (2,506 mm)</td>
</tr>
<tr>
<td>G.</td>
<td>Drum width</td>
<td>47.2 in (1,200 mm)</td>
</tr>
<tr>
<td>H.</td>
<td>Overall width</td>
<td>52.5 in (1,334 mm)</td>
</tr>
<tr>
<td>J.</td>
<td>Drum thickness</td>
<td>0.5 in (13 mm)</td>
</tr>
<tr>
<td>K.</td>
<td>Drum offset</td>
<td>1.6 in (40 mm)</td>
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