**ENGINE**

- Make: Kubota D1803
- Emissions Certification: Tier 4 Final
- Type: Diesel
- Cylinders: 3
- Bore/Stroke: 3.46 x 3.54 in (88 x 90 mm)
- Displacement: 111 in³ (1826 cm³)
- Fuel: #2 Diesel
- Cooling: Liquid
- Rated engine speeds: 2100/2400 RPM
- Horsepower @ 2400 RPM:
  - Gross: 33.5 hp (25 kW)
- Maximum Engine Torque @ 1500 RPM:
  - 85.4 lb ft (115.8 Nm)

**DRIVETRAIN**

- Drive: Hydrostatic
- Max. working speed: 3.7 mph (6.0 kph)
- Max. travel speed: 6.8 mph (11 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% (30%)

**ELECTRICAL**

- Voltage: 12 Volts
- Battery: 1 x 12 Volt
- Battery reserve capacity: 77 Ah/20 hour
- Cold cranking amps: 760 CCA

**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: 5,440 lb (2515 kg)
- Max. weight: 5,970 lb (2710 kg)
- Front static linear load: 22.7 lb/in (10.3 kg/cm)

**SERVICE CAPACITIES**

- Fuel tank: 9.2 gal (35 L)
- Engine oil: 7.4 qt (7 L)
- Cooling system: 7.1 qt (6.7 L)
- Hydraulic system – reservoir: 7.5 gal (28.5 L)
- Water tank: 50.2 gal (190 L)

**OTHER SPECIFICATIONS**

- Steering:
  - Type: Oscillation/Articulated
  - Method: Hydrostatic
  - Pump type: Gear
  - Steering angle – left and right: 30°
  - Oscillation angle +/-: 6.5°
  - Inside turning radius: 100 in (2540 mm)
  - Outside turning radius: 153.9 in (3910 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 (0.53 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
- Vulcanoll scrapers – adjustable
- Master disconnect switch
- Horn
- Hourmeter
- 4-point lift and tie down provision

**OTHER**

- 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
- 50.2 gal (190 L) Polyethylene water tank

**VIBRATION SYSTEM**

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

**OPTIONAL EQUIPMENT**

- Rotating beacon
- Weather canopy
- Steel canopy
- 2 in (51 mm) retractable seat belt
- Tilted drum scraper
- Infrared thermometer
- Edge cutter
- 2 Front and 1 Rear road light, turn signals and flashers
- Traction assist
- 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

**INDICATOR LIGHTS**

- Battery
- Engine oil pressure
- Intake preheater
- Engine temperature
- Parking brake on/off
- Hydraulic oil temperature
- Low fuel indicator
- Worklight indicator
- Turn signal indicator
- Fuel gauge
- Operator hours
Line drawings are for illustrative purpose only and may not be exact representation of unit.

### DIMENSIONS

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<tr>
<td>A</td>
<td>Wheelbase</td>
<td>68.5 in (1,740 mm)</td>
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<td>B</td>
<td>Drum diameter</td>
<td>27.4 in (695 mm)</td>
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<td>C</td>
<td>Ground clearance</td>
<td>11.0 in (280 mm)</td>
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<td>D</td>
<td>Overall height</td>
<td>100.4 in (2,550 mm)</td>
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<td>E</td>
<td>Folded ROPS height</td>
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<td>Overall length - ROPS down</td>
<td>101.8 in (2,585 mm)</td>
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<td>Overall length - ROPS up</td>
<td>98.4 in (2,500 mm)</td>
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<td>J</td>
<td>Drum thickness</td>
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