



ENGINE

Make	Kubota D1803CRT
Emissions Certification	Tier 4 Final
Type	Diesel
Cylinders	4
Bore/Stroke	3.46 x 3.54 in (88 x 90 mm)
Displacement	134.3 in ³ (2 189 cm ³)
Fuel	#2 Diesel
Cooling	Liquid
Rated engine speeds	2500 RPM
Horsepower @ rated RPM:	
Gross	43.9 hp (32.8 kW)
Net	43.5 hp (32.8 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
Drive pump motors:	
Variable displacement	1
Fixed displacement	2
Max. relief pressure	6,454 psi (44.5 MPa)
Gradeability (vibration off)	30% (40%)

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; Electronic single lever speed and direction control with integrated RPM setting, parking brake, vibration, drum sprinkling, edge cutting activation (up/down).

OPERATING WEIGHT

Operating weight	9,535 lb (4 325 kg)
Front static linear load	40 lb/in (16.4 kg/cm)

SERVICE CAPACITIES

Fuel tank	15.6 gal (59 L)
Engine oil	39.1 qt (37 L)
Hydraulic system – reservoir	9.8 gal (37 L)
Water tank	92.5 gal (350 L)

OTHER SPECIFICATIONS

Steering:	
Type	Oscillation/Articulated
Method	Hydrostatic
Pump type	Gear
Steering angle – left and right	32°
Oscillation angle +/-	9°
Inside turning radius	111.4 in (2 830 mm)
Outside turning radius	169.3 in (4 300 mm)

Water system:	
Water tank	92.5 gal (350 L) front frame mount
Water tank	Polyethylene
Water feed	Pressurized
Filtration stages	2

Front drum vibration:	
System design	Series
Pump type	Gear
Drum vibration	Front
Number of amplitudes	2
Frequency:	
Low	2,460 vpm (41 Hz)
High	3,300 vpm (55 Hz)
Amplitude:	
Low	0.016 in (0.4 mm)
High	0.024 in (0.6 mm)
Centrifugal force	12,949 lb (57 kN)

Rear tires:	
Number of tires	4
Size of tires	10.5/80-16
Tire-axle width	50.2 in (1 275 mm)

STANDARD EQUIPMENT

OTHER

Foldable ROPS
Anti-vandal guard
Hydrostatic drive
Articulated chassis
Hydraulic oil cooler
Backup alarm
Tapered drum edges
2 adjustable Vulcollon scrapers – front drum
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

OPERATOR ENVIRONMENT

Lateral shifting suspension seat
3 in (76.2 mm) retractable seat belt
Drive lever with vibration and water switch
Emergency stop button
Electric fuse protection

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

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 drum vibration control
Auto vibration stop in neutral

OPTIONAL EQUIPMENT

OTHER

- Rotating beacon

Weather canopy

Steel canopy

Tilttable drum scraper

Infrared thermometer

Edge cutter
- 2 Front and 1 Rear road light, turn signals and flashers

Traction assist

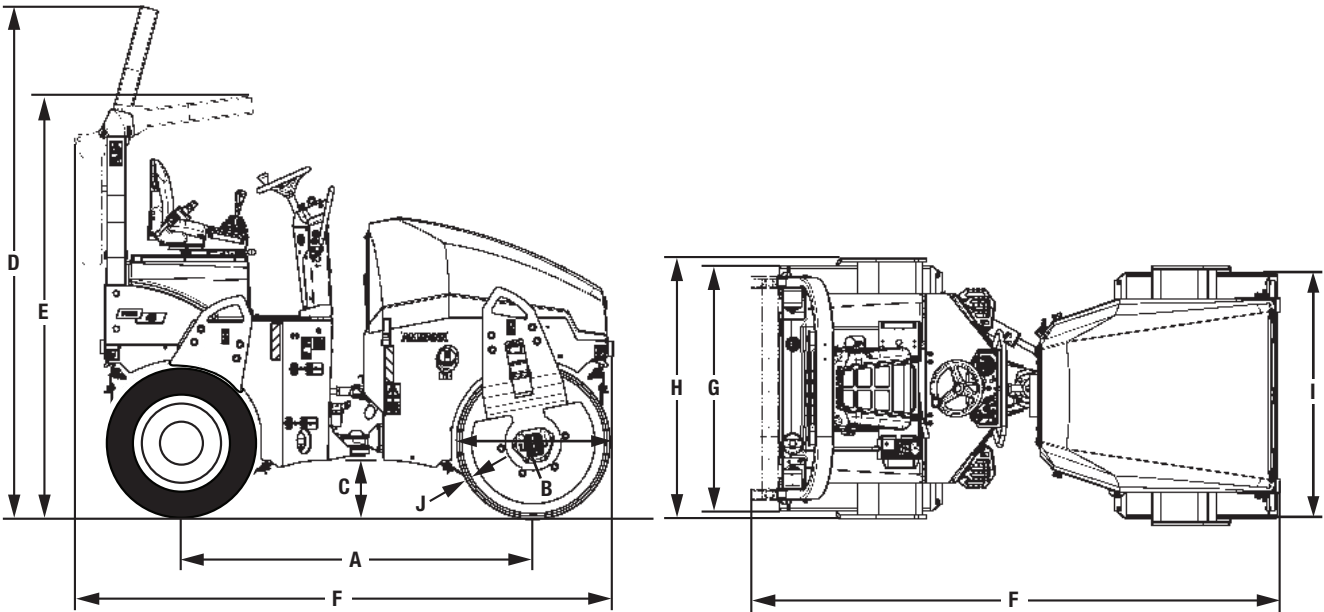
2 lights on ROPS (N/A on Weather Canopy)

Arm rests on seat

Right & Left Side drive levers
- Heated seat

ACE Force Intelligent compaction

Locking water tank cap



Line drawings are for illustrative purpose only and may not be exact representation of unit.

DIMENSIONS

A. Wheelbase	78.7 in (2 000 mm)
B. Front drum diameter	33.5 in (850 mm)
C. Ground clearance	13.0 in (330 mm)
D. Overall height	111.8 in (2 840 mm)
E. Folded ROPS height	84.6 in (2 150 mm)
F. Overall length	118.1 in (3 000 mm)
G. Rear tire width	50.2 in (1 275 mm)
H. Overall width	57.5 in (1 460 mm)
I. Front drum width	51.2 in (1 380 mm)
J. Front drum thickness	0.7 in (18 mm)

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CASE Construction Equipment is biodiesel-friendly. NOTE: All engines meet current EPA emissions regulations. All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.



Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

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