

CASE

CONSTRUCTION



ENGINE

Make	Deutz
Emissions Certification	Tier 4 Final
Model	TCD4.1 L4
Gross horsepower @ 2200 RPM:	154 hp (115 kW)
Max. torque @ 1600 RPM	449.2 lbf-ft (609 N-m)

DRIVETRAIN

Drive	Hydrostatic
F/R travel speed range	5+1
Working speeds	mph (kph)
1st – max.	1.4 (2.2)
2nd – max.	2 (3.2)
3rd – max.	2.7 (4.3)
4th – max.	4 (6.5)
Max. travel speed	7.9 (12.7)
Parking brake	Multiple-disc spring brake
Emergency brake	Multiple-disc spring brake
Variable displacement axial piston type wheel drive pump	1
Hydraulic fixed displacement wheel drive motors	2
Drive motor interlock	Yes
Hydraulic variable displacement drum drive motor	1
Gradeability w/o traction assist	56%
w/ HX Drive Traction Assist	58%
Lateral stability during driving w/o vibration:	20%

ELECTRICAL

Voltage	24 Volts
Battery	2 x 90 amp
Alternator	45 amp

OPERATOR ENVIRONMENT

Isolated from chassis by flexible shock absorbers; Handrail; Dual rearview mirrors; Front lighting; Instrument panel anti-vandal guard; Vinyl suspension seat w/ armrests and 3 in (76.2 mm) retractable seat belt; Exceptional front/rear visibility.

OPERATING WEIGHT

Weight - Smooth drum:	
Operating weight w/o cab	35,880 lb (16 275 kg)
Max. weight w/ cab	36,020 lb (16 340 kg)
Static linear load	280 lb/in (50.4 kg/cm)

Weight - Padfoot drum:	
Operating weight w/o cab	36,350 lb (16 490 kg)
Max. weight w/ cab	36,500 lb (16 555 kg)

Weight of Blade (opt.)	1,970 lb (895 kg)
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SERVICE CAPACITIES

Fuel tank	91.1 gal (345 L)
Engine oil	3.6 gal (13.5 L)
Diesel exhaust fluid tank	5.8 gal (22 L)
Engine coolant	7.7 gal (29 L)
Hydraulic system	23.8 gal (90 L)
Transmission	0.4 gal (1.5 L)
Drive axle	0.4 gal (1.5 L)
Vibration system	1.9 qt (7.3 L)

OTHER SPECIFICATIONS

Steering:	
Pump – gear type	1
Cylinders	2
Angle – left and right	36°
Oscillation angle	10°
Inside turning radius	140.6 in (3 570 mm)
Outside turning radius	233.5 in (5 930 mm)

Vibratory system:	
Hydraulic circuit type	Closed
Variable displacement axial piston type pump	1
Fixed displacement hydraulic motor	1
Vibration modes	2
Vibration	2 eccentric weights circular pattern/continuously adjustable

Frequency:	
Low	1,680 vpm (28 Hz)
High	2,100 vpm (35 Hz)
Amplitude:	
Low	0.037 in (0.95 mm)
High	0.087 in (2.22 mm)
Centrifugal force:	
Low	49,907.6 lb (222 kN)
High	74,861.4 lb (333 kN)

Tires:	
Size	23,1x26"
Smooth drum	UK 5 Diamond
Padfoot drum	TD-01 Tractor

STANDARD EQUIPMENT

OTHER

ROPS and FOPS protection
Hydrostatic drive for both drum and wheels
Steel drum scrapers
Diamond tread tires
Telematics ready

SV217E

SINGLE DRUM VIBRATORY ROLLER

TIER 4 FINAL CERTIFIED

Interwheel differential lock
Articulated chassis
Front and rear tow points
4-point lift and tie-down provision
Fan guard
Backup alarm
Halogen work lights, 2F/2R
Master disconnect switch
Spring applied, hydraulic release parking brake
3 working speeds/1 transport speed
Spin-on fuel, engine oil and hydraulic filters
Spring-assist tilting for engine hood

OPERATOR ENVIRONMENT

Lockable tool box
3 in (76.2 mm) retractable seat belt
Cup holder
Single lever speed/direction control
Emergency stop button
Steering wheel embedded monitor

INSTRUMENT PANEL

Steering wheel spinner knob
Horn

VIBRATION SYSTEM

Auto vibration control
Dual amplitude vibration
Dual frequency vibration

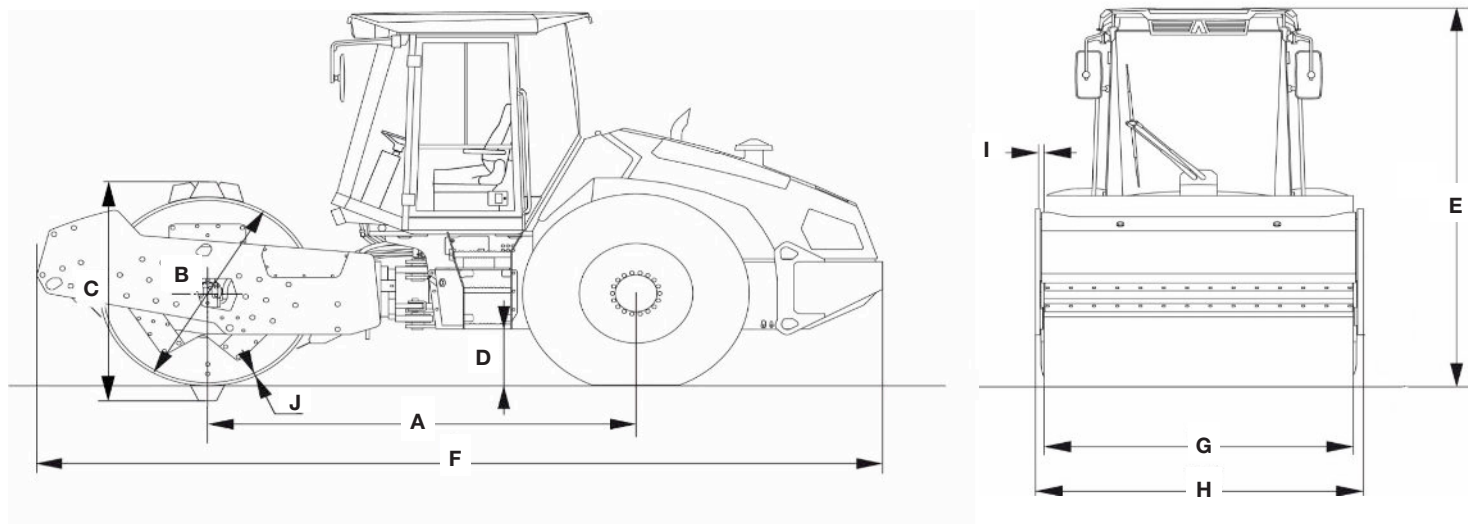
OPTIONAL EQUIPMENT

OTHER

Automatic Traction Control (ATC) with HX Drive propulsion system:
Standard on Padfoot models
Leveling Blade
Padfoot shell kit w/ scrapers
Pressurized cab with heat, ventilation, air conditioning and radio ready - antenna and 2 speakers/no radio
Engine filter pre-cleaner
ACI Eco - Analog Compaction Indicator
ACE Force Intelligent Compaction (Cab only)
Extra front work lights (Smooth Drum only)
Traction Tread tires
Rotating beacon
Rearview Camera

TELEMATICS

CASE Sitewatch Telematics - includes hardware and a 3-yr Advanced data subscription



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

DIMENSIONS

A. Wheel base	119.7 in (3 040 mm)
B. Drum diameter w/ Smooth drum	59.1 in (1 500 mm)
C. Drum diameter w/ Padfoot drum	67.6 in (1 716 mm)
D. Ground clearance	16.9 in (430 mm)
E. Overall height	116.9 in (2 970 mm)
F. Overall length	234.3 in (5 950 mm)
G. Drum width	83.9 in (2 130 mm)
H. Overall width	89 in (2 260 mm)
I. Frame extensions	4 in (102 mm)
J. Drum thickness	1.4 in (35 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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