



## ENGINE

Make	Deutz
Emissions Certification	Tier 4 Final
Model	TCD3.6 L4
Cylinders	4
Displacement	221 in <sup>3</sup> (3 621 cm <sup>3</sup> )
Gross horsepower @ 2200 RPM:	75 hp (55.4 kW)
Max. torque @ 1300 RPM	287 lbf-ft (390 N-m)

## DRIVETRAIN

Drive	Hydrostatic
F/R travel speed range	4
Working speeds w/o traction assist	mph (kph)
1st – max.	1.6 (2.5)
2nd – max.	2.2 (3.6)
3rd – max.	3.2 (5.1)
Max. travel speed	7.1 (14)
Parking brake	Multi-disc
Emergency brake	Multi-disc
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	45%
w/ HX Drive Traction Assist	65%
Lateral stability during driving w/o vibration:	25%

## ELECTRICAL

Voltage	24 Volts
Battery	2 x 61 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.

## OPERATING WEIGHT

Weight - Smooth drum:	
Operating weight w/o cab	15,170 lb (6 880 kg)
Max. weight w/ cab	19,530 lb (8 860 kg)
Drum weight	8,800 lb (3 990 kg)
Static linear load	132.7 lb/in (23.7 kg/cm)

Weight - Padfoot drum:	
Operating weight w/o cab	14,970 lb (6 790 kg)
Max. weight w/ cab	16,800 lb (7 620 kg)

## SERVICE CAPACITIES

Fuel tank	67.36 gal (255 L)
Engine oil	2.64 gal (10 L)
Engine coolant	7.4 gal (28 L)
Hydraulic reservoir	19.02 gal (72 L)
Transmission	2.6 qt (2.5 L)
Drive axle	2.6 qt (2.5 L)
Vibration system	7.1 qt (6.7 L)

## OTHER SPECIFICATIONS

Steering:	
Pump – gear type	1
Cylinders	2
Angle – left and right	36°
Oscillation angle	12°
Inside turning radius	126 in (3 200 mm)
Outside turning radius	202 in (5 130 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	1,800 vpm (30 Hz)
High	2,460 vpm (41 Hz)
Amplitude:	
Low	0.034 in (0.86 mm)
High	0.067 in (1.7 mm)
Centrifugal force:	
Low	29,215 lb (130 kN)
High	32,586 lb (145 kN)

Tires:	
Size	14.9 x 24"
Smooth drum	Diamond or traction tread
Padfoot drum	Traction tread
Tire ballast	Traction tread only

## STANDARD EQUIPMENT

### OTHER

ROPS and FOPS protection  
Hydrostatic drive for both drum and wheels  
Differential lock  
Articulated chassis  
Front and rear tow points  
Remote fluid drains  
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  
Electric tilting for engine hood and cab

### OPERATOR ENVIRONMENT

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

### INSTRUMENT PANEL

Steering wheel spinner knob  
Horn

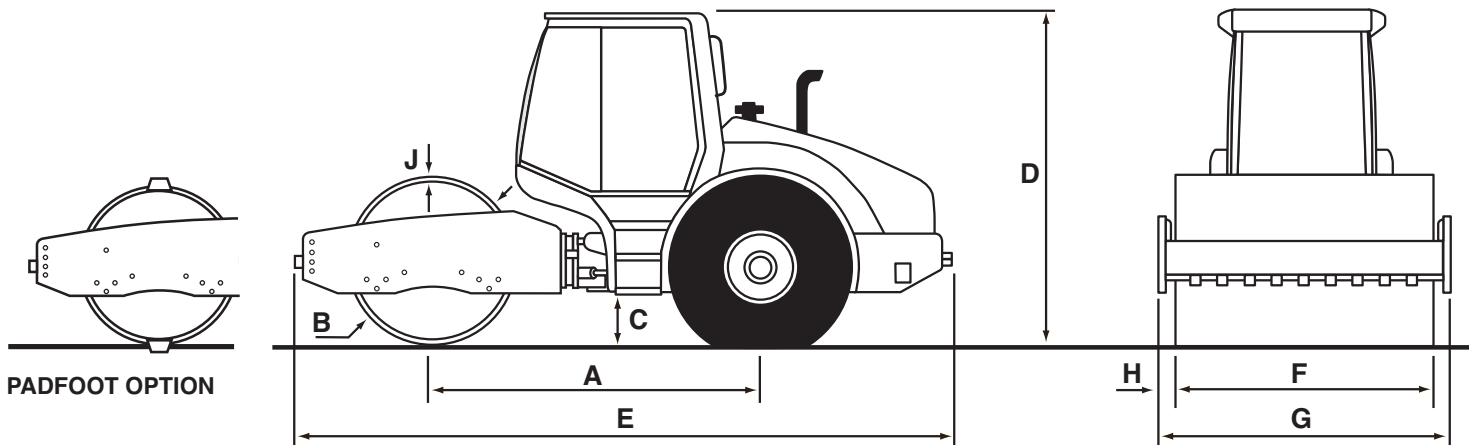
### VIBRATION SYSTEM

Auto vibration control  
Dual amplitude vibration  
Dual frequency vibration

## OPTIONAL EQUIPMENT

### OTHER

Traction Assist Systems:  
Smooth Drum with Automatic Traction Control (ATC)  
Smooth Drum with Automatic Traction Control (ATC), HX Drive propulsion system and Tractor Tires ballasted  
Pad Foot Drum with Automatic Traction Control (ATC) and Tractor Tires ballasted  
Pad Foot Drum with Automatic Traction Control (ATC), HX Drive propulsion system and Tractor Tires ballasted  
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  
Rotating beacon  
Ballast tires  
Analog compaction indicator  
ACE Force Intelligent Compaction (Cab only)  
ACE Force Printer (Cab only)  
Road Lights (not available on Padfoot)  
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	106 in (2 690 mm)
B. Drum diameter	
Smooth drum	51 in (1 295 mm)
Padfoot drum	55 in (1 397 mm)
C. Ground clearance	15.2 in (386 mm)
D. Overall height	113 in (2 870 mm)
E. Overall length	207.5 in (5 270 mm)
F. Drum width	66 in (1 676 mm)
G. Overall width	73.9 in (1 875 mm)
H. Frame extensions	3.85 in (97.8 mm)
J. Drum thickness	1.0 in (25.4 mm)

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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.