

# 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	54%
w/ HX Drive Traction Assist	67%
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	32,570 lb (14 775 kg)
Max. weight w/ cab	32,720 lb (14 840 kg)
Static linear load	243 lb/in (43.4 kg/cm)

Weight - Padfoot drum:	
Operating weight w/o cab	33,280 lb (15 095 kg)
Max. weight w/ cab	33,420 lb (15 160 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	1,740 vpm (29 Hz)
High	2,100 vpm (35 Hz)
Amplitude:	
Low	0.038 in (0.96 mm)
High	0.081 in (2.06 mm)
Centrifugal force:	
Low	48,334 lb (215 kN)
High	73,063 lb (325 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

# SV215E

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

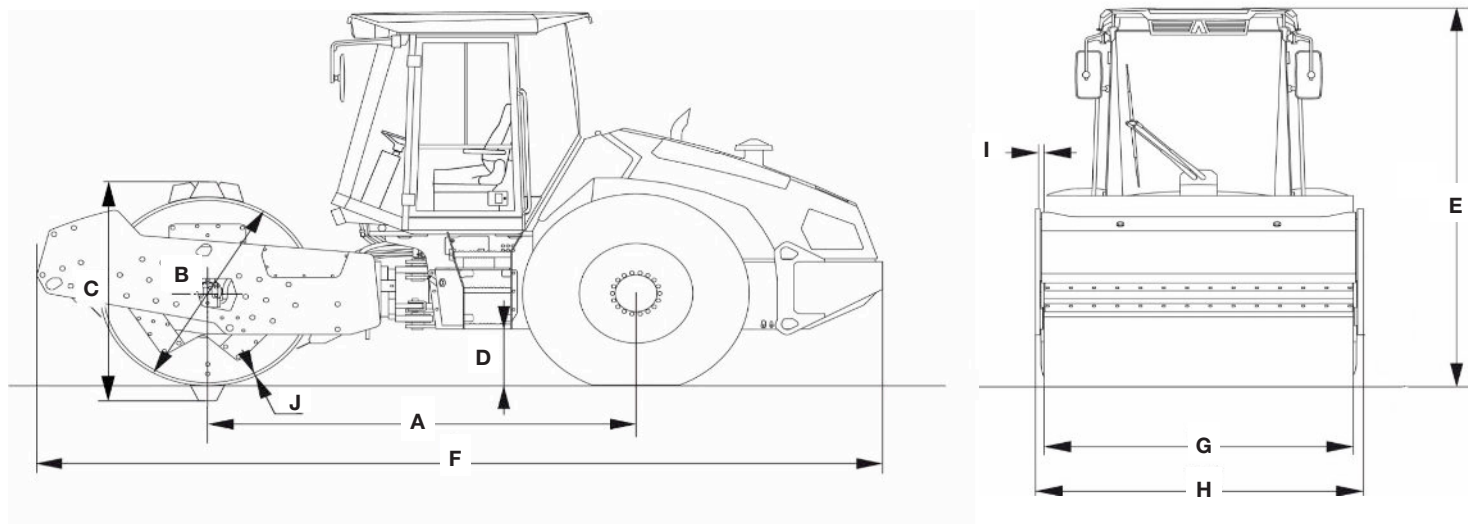
### OPTIONAL EQUIPMENT

#### 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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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.