



## TECHNICAL DATA

### MASSES

Max. operating mass	19,100 lbs
Operating mass (incl. ROPS)	16,800 lbs
Module mass (front/rear)	8,950 lbs/7,850 lbs

### COMPACTION

Wheel load	1.950 (pounds/wheel)
Centrifugal force, at low amplitude	13,260 lbs
Centrifugal force (high/low amplitude)	16,190/13,260 lbs
Nominal amplitude (high/low)	0.020/0.008 in
Static linear load	152 lbs/in
Vibration frequency (high/low amplitude)	48/67 Hz
Water tank	198 gal
Emulsion tank	21 gal
Split drums	Yes

### COMPACTION (CE)

Centrifugal force (high/low amplitude)	72 kN/51 kN
Nominal amplitude (high/low)	0.0196/0.0078 in
Vibration frequency (high/low amplitude)	48/62 Hz

### PROPULSION

Speed range	0-7,5 mph
Vertical oscillation	±7
Max. theoretical gradeability	46 %

### ENGINE

Manufacturer/Model	Deutz TCD 3.6 HT T4f
Type	Water cooled turbo Diesel
Rated power, SAE J1995	55 kW (74 hp ) @ 2,200 rpm
Fuel tank capacity	34 gal

### ENGINE

Manufacturer/Model	Cummins QSB 3.3 IIIA/T3
Type	Water cooled turbo Diesel
Rated power, SAE J1995	74 kW (99 hp ) @ 2,200 rpm

### ENGINE

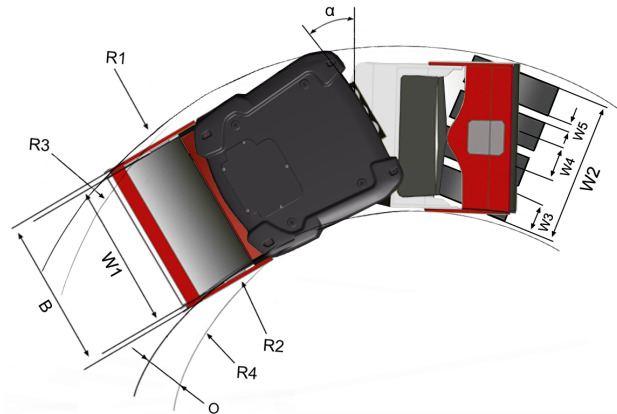
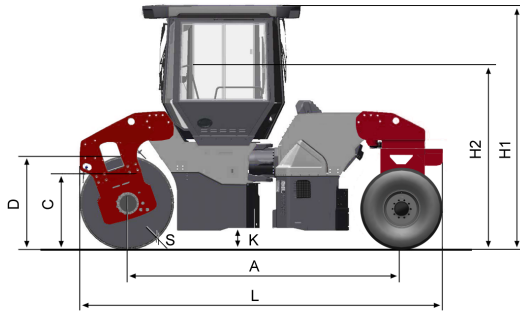
Manufacturer/Model	Deutz TCD 3.6 HT StageV
Type	Water cooled turbo Diesel
Rated power, SAE J1995	55 kW (74 hp ) @ 2,200 rpm

### HYDRAULIC SYSTEM

Driving	Axial piston pump with variable displacement. Axial piston motors (4) with variable displacement.
Vibration	Axial piston pump with variable displacement. Axial piston motor with constant displacement.
Steering	Gear pump with constant displacem.
Service brake	Hydrostatic in forward and reverse lever.
Parking/Emergency brake	Failsafe multidisc brake in both drums.

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## DIMENSIONS

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A. Wheelbase	131 in
B. Width	64 in
C. Curb clearance	28 in
D. Drum diameter	45 in
H1. Height, with ROPS/cab	118 in
K. Ground clearance	11 in
L. Length	177 in
O. Off-set	13.189 in
R1. Turning radius, outside	258.6614 in
R2. Turning radius, inside	199.60 in
R3. Turning radius with off-set, outside	192.51 in
R4. Turning radius with off-set, inside	133.46 in
S. Drum shell thickness	0.7 in
W1. Drum width	59 in
W2. Width, wheel module	57 in
W3. Width, tire	11 in
W4. Wheel track	17 in
W5. Wheel spacing	3 in
$\alpha$ . Steering angle	$\pm 32^\circ$

### OPTIONAL EQUIPMENT

#### Air Conditioning /Automatic Climate Control (ACC) (Optional)

- The system contains fluorinated greenhouse gases.
- Coolant designation: HFC-134a
- Coolant weight when full: 1,35 kg
- CO<sub>2</sub>-equivalent: 1,930 ton
- GWP: 1430

- Asphalt Temp Meter
- Compaction Analyzer
- Drum Edge Lights
- Whisper Cab Package

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