



## TECHNICAL DATA

### MASSES

Max. operating mass	18,700 lbs
Operating mass (incl. ROPS)	17,000 lbs
Module mass (front/rear)	9,000 lbs/8,000 lbs

### COMPACTION

Wheel load	2,000 (pounds/wheel)
Centrifugal force (high/low amplitude)	20,250/16,880 lbs
Nominal amplitude (high/low)	0.028/0.012 in
Static linear load	132 lbs/in
Vibration frequency (high/low amplitude)	2,880/4,020 vpm
Water tank	198 gal
Emulsion tank	21 gal

### COMPACTION (CE)

Centrifugal force (high/low amplitude)	77/43 kN
Nominal amplitude (high/low)	0.023/0.0078 in
Vibration frequency (high/low amplitude)	48/62 Hz

### PROPULSION

Speed range	0-7,5 mph
Vertical oscillation	±7
Max. theoretical gradeability	45 %

### ENGINE

Manufacturer/Model	Deutz TCD 3.6 HT T4f
Type	Water cooled turbo Diesel
Rated power, SAE J1995	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

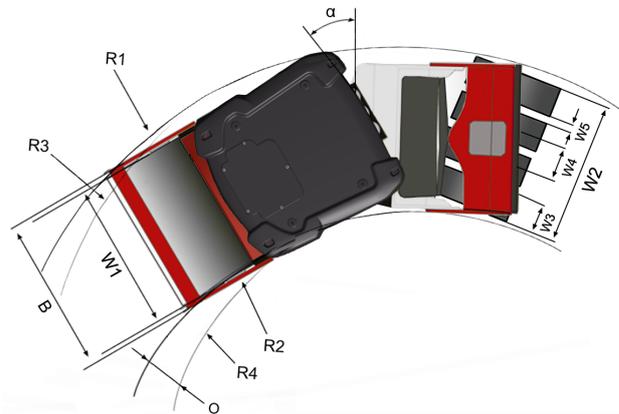
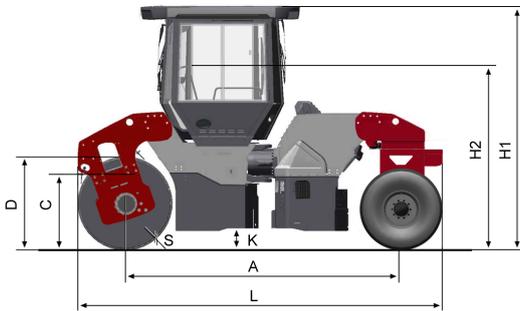
Manufacturer/Model	Deutz TCD 3.6 HT StageV
Type	Water cooled turbo Diesel
Rated power, SAE J1995	55 kW (74 hp ) @ 2,200 rpm

### HYDRAULIC SYSTEM

Driving	Axial piston pump with variable displacement. Axial piston motors (3) 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	74 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 in
R1. Turning radius, outside	263 in
R2. Turning radius, inside	195 in
R3. Turning radius with off-set, outside	197 in
R4. Turning radius with off-set, inside	129 in
S. Drum shell thickness	0.8 in
W1. Drum width	68 in
W2. Width, wheel module	65 in
W3. Width, tire	11 in
W4. Wheel track	18 in
W5. Wheel spacing	6 in
α. Steering angle	±32°

### STANDARD EQUIPMENT

- Automatic vibration control (AVC)
- Automatic water control (AWC)
- Back-up alarm
- Display: Engine temp, Fuel level, Frequency/impactometer, Hydr. temp, Speedometer, Tachometer, Voltage, VPM, Water level
- Filters for sprinkler system
- Hydraulic check points
- Lunch box holder
- Operator platform, shock mounted
- Pressurized sprinkler system
- ROPS canopy w/suspension seat & 3" seat belt
- Rotating beacon
- Sliding and swiveling operator's platform
- Spring loaded scrapers
- Sprinkler timer
- Sprinkler system additional (Two bars per drum)
- Steering wheel tilt able
- Vandal cover for instrument panel
- Vibration quick stop
- Vibration shut off front or rear drum
- Warning lights: Air cleaner, Brake, Clogged hyd. fluid filter, Engine oil pressure/temp, Hyd oil temp, Low charge, Low fuel
- Working lights, Rops mounted

### 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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