



## TECHNICAL DATA

### MASSES

|                             |                     |
|-----------------------------|---------------------|
| Max. operating mass         | 18,100 lbs          |
| Operating mass (incl. ROPS) | 16,300 lbs          |
| Module mass (front/rear)    | 8,500 lbs/7,800 lbs |

### COMPACTION

|  |                      |
|--|----------------------|
| Wheel load                               | 1.950 (pounds/wheel) |
| Centrifugal force (high/low amplitude)   | 17,540/15,060 lbs    |
| Nominal amplitude (high/low)             | 0.028/0.012 in       |
| Static linear load                       | 144 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)   | 72/38 kN         |
| Nominal amplitude (high/low)             | 0.0275/0.0078 in |
| Vibration frequency (high/low amplitude) | 48/62 Hz         |

### PROPULSION

|                               |           |
|-------------------------------|-----------|
| Speed range                   | 0-7.5 mph |
| Vertical oscillation          | ±7        |
| Max. theoretical gradeability | 49 %      |

### ENGINE

|                        |                           |
|------------------------|---------------------------|
| Manufacturer/Model     | Deutz TCD 3.6 HT T4f      |
| Type                   | Water cooled turbo Diesel |
| Rated power, SAE J1995 | 55 kW 74.0 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

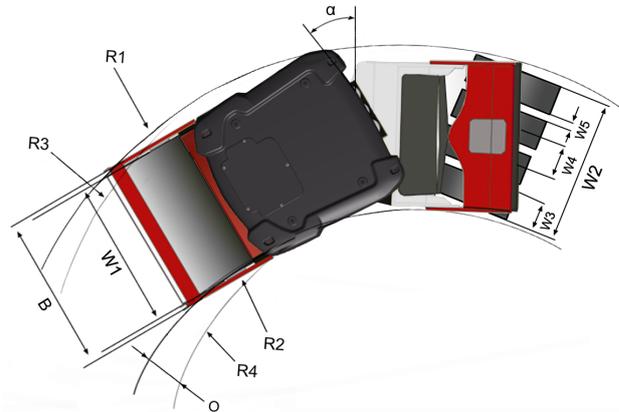
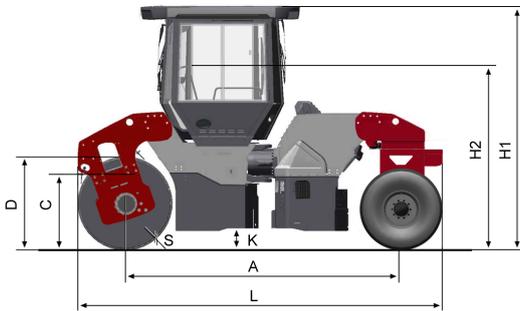
|                        |                            |
|------------------------|----------------------------|
| Manufacturer/Model     | Deutz TCD 3.6 HT StageV    |
| Type                   | Water cooled turbo Diesel  |
| Rated power, SAE J1995 | 55 kW (74 hp ) @ 2,200 rpm |

### HYDRAULIC SYSTEM

|                                |  |
|--------------------------------|--|
| Driving                        | Axial piston pump with variable displacement.<br>Axial piston motors (3) with variable displacement. |
| Vibration                      | Axial piston pump with variable displacement.<br>Axial piston motor with constant displacement.      |
| Steering                       | Gear pump with constant displacem.   |
| Service brake                  | Hydrostatic in forward and reverse lever.  |
| Parking/<br>Emergency<br>brake | Failsafe multidisc brake in both drums.  |

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## DIMENSIONS

### DIMENSIONS

|  |                |
|--|----------------|
| 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 in          |
| R1. Turning radius, outside              | 259 in         |
| R2. Turning radius, inside               | 200 in         |
| R3. Turning radius with off-set, outside | 192 in         |
| R4. Turning radius with off-set, inside  | 133 in         |
| S. Drum shell thickness                  | 0.8 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

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