



## TECHNICAL DATA

### MASSES

|                             |                       |
|-----------------------------|-----------------------|
| Max. operating mass         | 30,800 lbs            |
| Operating mass (incl. ROPS) | 27,300 lbs            |
| Module mass (front/rear)    | 13,700 lbs/13,700 lbs |

### COMPACTION

|  |                                   |
|--|-----------------------------------|
| Centrifugal force (high/low amplitude)   | 35,300 lb/23,160 lb               |
| Nominal amplitude (high/low)             | 0.031 in/0.012 in                 |
| Static linear load (front/rear)          | 163 pli/163 pli                   |
| Vibration frequency (high/low amplitude) | 3,060 vpm/4,020 vpm               |
| Water tank                               | 224 gal/(277 gal w. opt. watert.) |

### COMPACTION (CE)

|  |              |
|--|--------------|
| Centrifugal force (high/low amplitude)   | 115 kN/73 kN |
| Vibration frequency (high/low amplitude) | 44 Hz/58 Hz  |

### PROPULSION

|                               |           |
|-------------------------------|-----------|
| Speed range                   | 0-7.5 mph |
| Vertical oscillation          | ±7°       |
| Max. theoretical gradeability | 32 %      |

### ENGINE

|                        |                            |
|------------------------|----------------------------|
| Manufacturer/Model     | Cummins F3.8 V             |
| Type                   | Water cooled turbo diesel  |
| Rated power, SAE J1995 | 100 kW (135 hp) @ 2200 rpm |
| Fuel tank capacity     | 48 gal                     |
| DEF tank capacity      | 4 gal                      |

### ENGINE

|                        |                           |
|------------------------|---------------------------|
| Manufacturer/Model     | Cummins QSF3.8 IV/T4f     |
| Type                   | Water cooled turbo diesel |
| Rated power, SAE J1995 | 97 kW (130 hp) @ 2200 rpm |
| Fuel tank capacity     | 48 gal                    |
| DEF tank capacity      | 4 gal                     |

### ENGINE

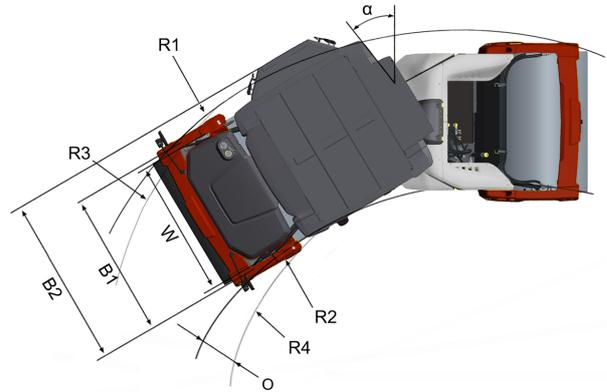
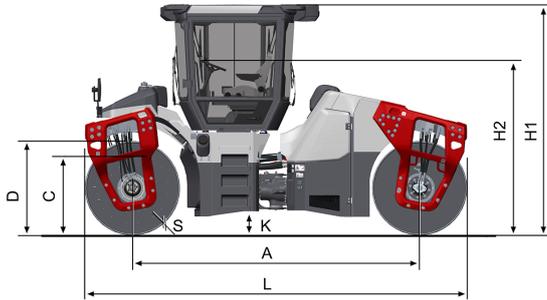
|                        |                            |
|------------------------|----------------------------|
| Manufacturer/Model     | Cummins QSF 3.8 IIIA/T3    |
| Type                   | Water cooled turbo diesel  |
| Rated power, SAE J1995 | 104 kW (140 hp) @ 2200 rpm |

### HYDRAULIC SYSTEM

|                         |   |
|-------------------------|---|
| Driving                 | Axial piston pump with variable displacement.<br>Radial piston motors (2) with variable displacement.     |
| Vibration               | Axial piston pumps (2) with variable displacement.<br>Axial piston motors (2) with constant displacement. |
| Steering                | Gear pump with constant displacement.   |
| Service brake           | Hydrostatic in forward and reverse lever.   |
| Parking/Emergency brake | Failsafe multidisc brake in both drums.   |

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## DIMENSIONS

### DIMENSIONS

|                             |         |
|-----------------------------|---------|
| A. Wheelbase                | 148 in  |
| B1. Width, front            | 93 in   |
| B2. Width, with cab         | 98 in   |
| C. Curb clearance           | 32 in   |
| D. Drum diameter            | 51 in   |
| H. Height, with ROPS/cab    | 118 in  |
| K. Ground clearance         | 12 in   |
| L. Length                   | 199 in  |
| R1. Turning radius, outside | 295 in  |
| R2. Turning radius, inside  | 211 in  |
| S. Drum shell thickness     | 0.79 in |
| W. Working width            | 84 in   |
| α. Steering angle           | ±32°    |

### OPTIONAL EQUIPMENT

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

- The system contains fluorinated greenhouse gases.
- Coolant designation: HFC-134a
- Coolant weight when full: 1,6 kg
- CO<sub>2</sub>-equivalent: 2,288 ton
- GWP: 1430

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