

## Montana Department of Transportation Bridge Bureau Approved Construction Equipment List

|                                  |                              |
|----------------------------------|------------------------------|
| <b>Make:</b>                     | Dynapac                      |
| <b>Model:</b>                    | CC6200                       |
| <b>Equipment Type:</b>           | Double Drum Vibratory Roller |
| <b>Contractor Modifications:</b> | none                         |

### Interstate Approval Conditions

|                               |                               |
|-------------------------------|-------------------------------|
| <i>Approval Type</i>          | Crossing Only                 |
| <i>Speed:</i>                 | no restriction                |
| <i>Weight:</i>                | 30,755 lb or less             |
| <i>Traffic:</i>               | approved with regular traffic |
| <i>Location Restrictions:</i> | no restriction                |

### Non-Interstate Approval Conditions

|                               |                               |
|-------------------------------|-------------------------------|
| <i>Approval Type</i>          | Crossing Only                 |
| <i>Speed:</i>                 | no restriction                |
| <i>Weight:</i>                | 30,755 lb or less             |
| <i>Traffic:</i>               | approved with regular traffic |
| <i>Location Restrictions:</i> | no restriction                |

**Comments:**

Equipment configuration, weights, and specifications on following pages. Approval does not apply to posted bridges. Other construction equipment is not allowed to operate on or cross bridge at the same time this equipment is on the bridge. Equipment must be empty while crossing.

Vibratory system must be turned off while on bridge.



## TECHNICAL DATA

### MASSES

|                               |                   |
|-------------------------------|-------------------|
| <b>Max. operating mass</b>    | <b>13 950 kg</b>  |
| Operating mass (incl. Canopy) | 12 200 kg         |
| Operating mass (incl. Cab)    | 12 700 kg         |
| Module mass (front/rear)      | 6 400 kg/6 300 kg |

### COMPACTION

|  |                 |
|--|-----------------|
| Centrifugal force (high/low amplitude)   | 166 kN/106 kN   |
| Nominal amplitude (high/low)             | 0,8 mm/0,3 mm   |
| Static linear load (front/rear)          | 30,0/30,0 kg/cm |
| Vibration frequency (high/low amplitude) | 51 Hz/67 Hz     |
| Water tank volume                        | 900/1 150/1400  |

### TRACTION

|                               |      |
|-------------------------------|------|
| Speed range (Dual/TC/AS)      | 0-12 |
| Vertical oscillation          | ±7°  |
| Max. theoretical gradeability | 38 % |

### ENGINE

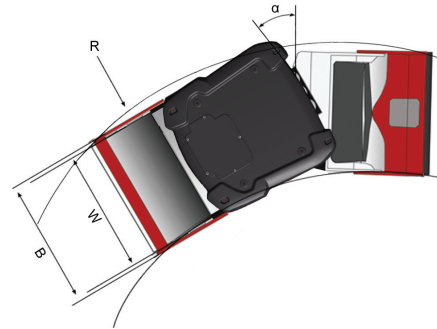
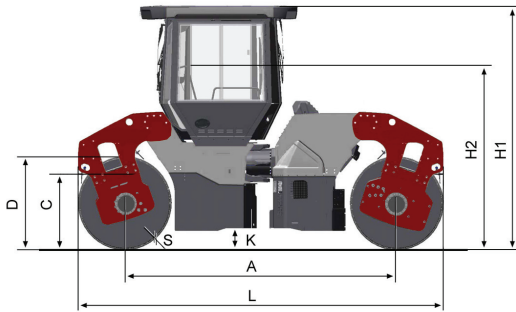
|                        |                              |
|------------------------|------------------------------|
| Manufacturer/Model     | Cummins QSB4.5 IIIA/T3       |
| Type                   | Water cooled turbo Diesel    |
| Rated power, SAE J1995 | 113 kW (152 hp ) @ 2 200 rpm |
| Fuel tank capacity     | 240 l                        |

### HYDRAULIC SYSTEM

|                                |  |
|--------------------------------|--|
| Driving                        | Axial piston pump with variable displacement.<br>Axial piston motors (2) with variable displacement. |
| Vibration                      | Axial piston pumps(2) with variable displacem.<br>Axial piston motors(2) with const. displacem.      |
| 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               | 3 690 mm |
| B. Width                   | 2 290 mm |
| C. Curb clearance          | 865 mm   |
| D. Drum diameter           | 1 300 mm |
| H1. Height, with ROPS/cab  | 2 990 mm |
| H2. Height, w/o ROPS/cab   | 2 275 mm |
| K. Ground clearance        | 310 mm   |
| L. Length                  | 4 990 mm |
| R. Turning radius, outside | 6 160 mm |
| S. Drum shell thickness    | 18 mm    |
| W. Drum width              | 2 130 mm |
| α. Steering angle          | ±32°     |

### OPTIONAL EQUIPMENT

#### Air Conditioning

- 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

#### Machine data based on machine with cab, air condition and offset

- Please note unless otherwise stated all data is based on machine equipped with cab, air condition and offset

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