

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

|                                  |                       |
|----------------------------------|-----------------------|
| <b>Make:</b>                     | DYNAPAC               |
| <b>Model:</b>                    | CP2700                |
| <b>Equipment Type:</b>           | PNEUMATIC TIRE ROLLER |
| <b>Contractor Modifications:</b> | NONE                  |

### Interstate Approval Conditions

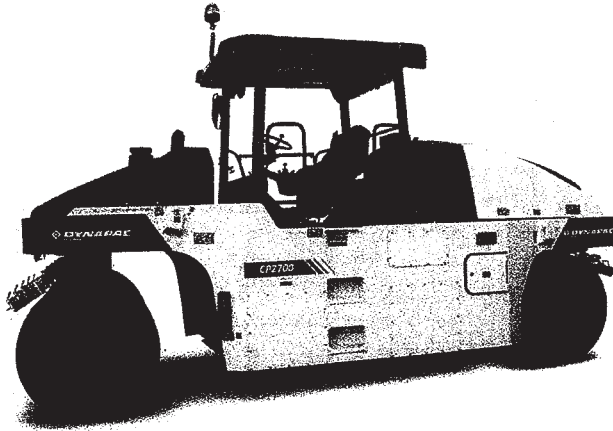
|                               |                               |
|-------------------------------|-------------------------------|
| <b>Approval Type</b>          | CROSSING ONLY                 |
| <b>Speed:</b>                 | NO RESTRICTION                |
| <b>Weight:</b>                | 43,000 LB OR LESS             |
| <b>Traffic:</b>               | APPROVED WITH REGULAR TRAFFIC |
| <b>Location Restrictions:</b> | NO RESTRICTION                |

### Non-Interstate Approval Conditions

|                               |                               |
|-------------------------------|-------------------------------|
| <b>Approval Type</b>          | CROSSING ONLY                 |
| <b>Speed:</b>                 | NO RESTRICTION                |
| <b>Weight:</b>                | 43,000 LB OR LESS             |
| <b>Traffic:</b>               | APPROVED WITH REGULAR TRAFFIC |
| <b>Location Restrictions:</b> | 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.



## TECHNICAL DATA

### MASSES

Mass with wet sand ballast 43,000 lbs

### COMPACTION

|                                    |              |
|------------------------------------|--------------|
| Rolling width                      | 91 in        |
| Tire overlap                       | 1.7 in       |
| Wheel loads, without ballast       | 3,000 lbs    |
| Wheel loads, with wet sand ballast | 4,800 lbs    |
| Wheel loads, with max. ballast     | 6,600 lbs    |
| Tire pressure (min/max)            | 36 /123 psi  |
| Tire type (smooth)                 | 11.00 -20    |
| Water spray system, type           | Pressurized  |
| Water spray system, tank capacity  | 110 gal      |
| Water spray system, spray nozzle   | one per tire |
| Ballast volume                     | 106 cu. ft.  |

### PROPULSION

Speed high 12.5 mph

### ENGINE

|                        |                           |
|------------------------|---------------------------|
| Manufacturer/Model     | Cummins QSF 3.8 (Tier 4F) |
| Rated power, SAE J1995 | 120 hp @ 2,200 rpm        |
| Type                   | Water cooled turbo Diesel |
| Electrical system      | 24 V                      |
| Fuel tank capacity     | 55 gal                    |

### ENGINE

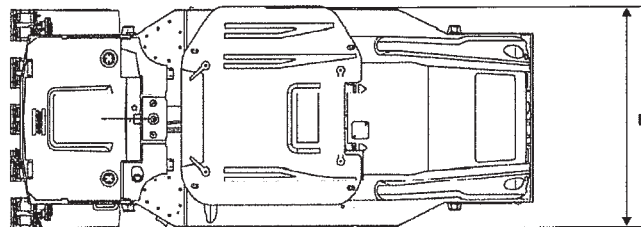
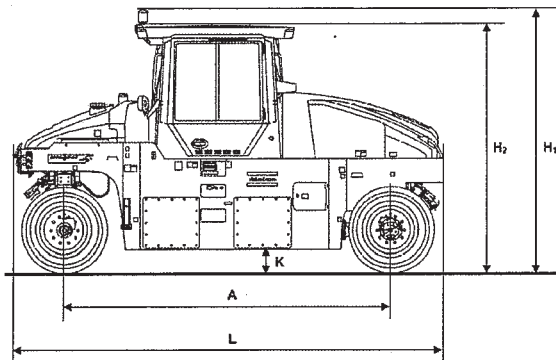
|                        |                           |
|------------------------|---------------------------|
| Manufacturer/Model     | Cummins QSB 4.5 (Tier 3)  |
| Rated power, SAE J1995 | 82 kW (110 hp) @ 2200 rpm |
| Type                   | Water cooled turbo Diesel |

### HYDRAULIC SYSTEM

|                         |  |
|-------------------------|--|
| Driving                 | Axial piston pump with variable displacement.<br>Axial piston motors (2) with variable displacement. |
| Steering                | Axial piston pump with variable displacement.  |
| Service brake           | 2 multidisc brakes on rear wheels activated by pedal.  |
| Parking/Emergency brake | Failsafe multidisc brakes in both gear boxes.  |

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We reserve the right to change specifications without notice. Photos and illustrations do not always show standard versions of machines. The above information is a general description only, all information's are supplied without liability.



## TECHNICAL DATA

### DIMENSIONS

|                            |        |
|----------------------------|--------|
| A. Wheelbase               | 169 in |
| B. Width                   | 93 in  |
| H1. Height, max.           | 132 in |
| H2. Height, transport      | 118 in |
| K. Ground clearance        | 9.8 in |
| L. Length                  | 216 in |
| R. Turning radius, outside | 356 in |

### STANDARD EQUIPMENT

- AWC, Battery switch, Back up alarm
- Back up camera, Cocoa mats
- Documentation (Manuals -one set)
- Drainage for water ballast, Emergency stop, Engine temperature display
- Fuel level display, Horn, Hour meter, Hydraulic checkpoints
- Hydraulic fluid temperature display
- Hydrostatic drive with 2 motors
- Interloc system, Key master and start
- Lifting and tiedown eyes
- Mirrors (traffic view)
- Multi-disc brakes for parking and dynamic service brake
- Parking brake, Rotating beacon
- Redundant brake system
- ROPS/FOPS (4 post with roof and 3" seat belt)
- Sliding and swiveling operator unit
- Steel ballast front (2,540 lbs) -CP2700 only
- Sprinkler and scraper system, Sprinkler pump (back up)
- Sprinkler timer, Tachometer display, Tilt steering wheel
- Vandal cover (Canopy or ROPS/ FOPS), Water level gauge
- Water tank covers (lockable), Working lights (front/rear)
- Warning – Air cleaner, Warning – Brake
- Warning – Clogged hydraulic oil filter
- Warning – Engine oil pressure, Warning – Engine temperature
- Warning – Hydraulic fluid temperature, Warning – Low charge
- Warning – Low fuel level
- Voltage meter display. INCLUDED IN COMFORT CAB: Air conditioning (ACC)
- Air filtering system, Fan -fresh air (3-speed), Heater, Interior light
- Radio & MP3 player, Rear view mirrors (external), Rear view mirror (internal)
- Safety glass (tinted), Seat belt 3", Seat -luxury for cab with suspension
- Side windows (openable), Wiper with washer (front/rear)

### OPTIONAL EQUIPMENT

- Steel ballast front (8,820 lb)
- Steel ballast front + rear (17,640 lb)
- Air On the Run system
- Asphalt temperature meter
- Biodegradable hydraulic fluid
- Canopy or ROPS/FOPS or Cab
- Driving lights (RH or LH)
- Dyn@link, Dyn@link advanced
- Fire extinguisher, First aid box
- Heat covers for wheels
- Licence plate holder with light
- Mirrors (process view)
- Slow Moving Vehicle sign
- Tool set, Towing eyelets front & rear

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## ***Pavement Maintenance Services***

### **Equipment ID/Model**

BearCat Tandem 20' Super Chipper

### **Detailed data**

|   |                              |
|---|------------------------------|
| <b>Vehicle width</b>                          | 10' - 20'                    |
| <b>Vehicle length</b>                         | 27'                          |
| <b>Number of axles</b>                        | 2                            |
| <b>Distance between axles</b>                 | 13' 2- 1/2"                  |
| <b>Track/wheel dimensions</b>                 | 385/165R x 22.5              |
| <b>Track/wheel gage spacing</b>               | 78" Front / 102" Rear        |
| <b>GVW</b>                                    | 43,400 lbs. with rock        |
| <b>Hauling capacity</b>                       | 17,600 lbs.                  |
| <b>Max operating speed</b>                    | 7 MPH                        |
| <b>Potential dynamic or vibratory effect?</b> | None                         |
| <b>Equipment modifications?</b>               | None                         |
| <b>Contractor's contact information</b>       | Jason Simmons (406) 261-5195 |