

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

<b>Make:</b>	<i>DYNAPAC</i>
<b>Model:</b>	<i>CP271</i>
<b>Equipment Type:</b>	<i>PNEUMATIC TIRE ROLLER</i>
<b>Contractor Modifications:</b>	<i>NONE</i>

### Interstate Approval Conditions

<i>Approval Type</i>	<i>CROSSING ONLY</i>
<i>Speed:</i>	<i>NO RESTRICTION</i>
<i>Weight:</i>	<i>59,526 LB OR LESS</i>
<i>Traffic:</i>	<i>APPROVED WITH REGULAR TRAFFIC</i>
<i>Location Restrictions:</i>	<i>NONE</i>

### Non-Interstate Approval Conditions

<i>Approval Type</i>	<i>CROSSING ONLY</i>
<i>Speed:</i>	<i>NO RESTRICTION</i>
<i>Weight:</i>	<i>59,526 LB OR LESS</i>
<i>Traffic:</i>	<i>APPROVED WITH REGULAR TRAFFIC</i>
<i>Location Restrictions:</i>	<i>NONE</i>

**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.

## ***Pavement Maintenance Services***

### **Equipment ID/Model**

Dynapac CP271 Pneumatic tire roller

### **Detailed data**

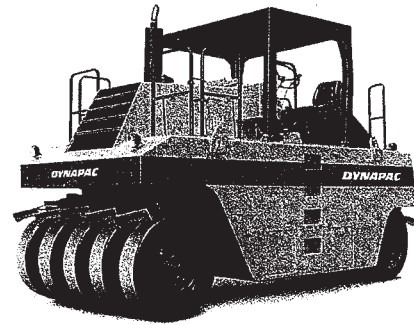
Vehicle width	92.5"
Vehicle length	203"
Number of axles	2
Distance between axles	160"
Track/wheel dimensions	13/80 R20
Track/wheel gage spacing	81.5" Overlapping
<b>GVW</b>	<b>59,526 lbs.</b>
Hauling capacity	N/A
Max operating speed	14.5 MPH
Potential dynamic or vibratory effect?	None
Equipment modifications?	None
Contractor's contact information	Jason Simmons (406) 261-5195

# DYNAPAC

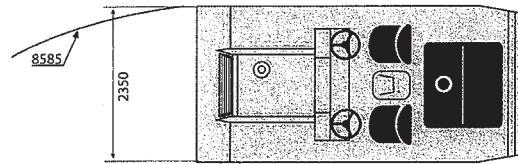
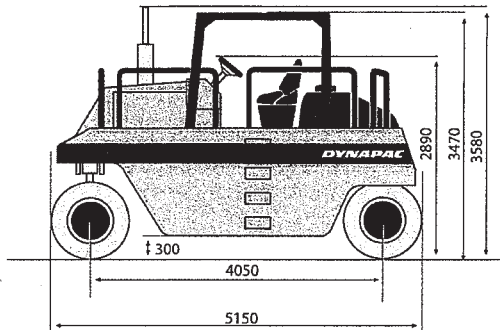
Part of the Atlas Copco Group

## CP271

### Pneumatic rollers



#### Technical data



<b>Dimensions</b>		<b>CP271</b>
Compaction width		92.52 in
<b>Masses</b>		
Operating mass (incl. ROPS)		27,337.46 lbs
Mass with wet sand ballast		56,218.17 lbs
Mass with max. ballast		59,525.12 lbs
<b>Compaction</b>		
Rolling width		92.52 in
Tyre overlap		1.65 in
Wheel loads, without ballast		3,020.35 lbs
Wheel loads, with wet sand ballast		6,245.73 lbs
Wheel loads, with max. ballast		6,613.90 lbs
Tyre pressure, min		250 kPa
Tyre pressure, max		850 kPa
Tyre type (smooth)		13/80 R20
Water spray system, type		Pressurized
Water spray system, tank capacity		91.29 gal
Water spray system, spray nozzle		one per tyre
Ballast volume		8 m <sup>3</sup>
<b>Traction</b>		
Transmission	Clark 20000 - Power Shift to final chain drive	
Speed range (km/ h)	4/9/23	
<b>Engine</b>		
Manufacturer	Cummins	
Model	B4.5 T	
Type	Water cooled turbo Diesel with After Cooler	
Fuel tank capacity	26.40 gal	
Rated power	99 hp	
Rated power	74 kW	
Rated power @	2,200 rpm	
Rated power (rating standard)	SAE J1995	
Electrical system	12 V	
<b>Hydraulic system</b>		
Service brake	Air- over- hydraulics on the 4 rear wheels. (A 2 cylindre direct mounted compressor)	
Parking/ Emergency brake	Failsafe disc brake on outgoing shaft from transmission.	

Find your local dealer at [www.dynapac.com](http://www.dynapac.com)

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 informations are supplied without liability.

cp271\_1\_us-20090310.143415.pdf 2009-03-10 14:34