MONTANA
Department of Transportation

MDT-BRG-015 04/23

Montana Department of Transportation
Bridge Bureau
Approved Construction Equipment List

Make:	*DYNAPAC*
Model:	*CP271*
Equipment Type:	*PNEUMATIC TIRE ROLLER*
Contractor Modifications:	*NONE*

Interstate Approval Conditions

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

Non-Interstate Approval Conditions

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

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

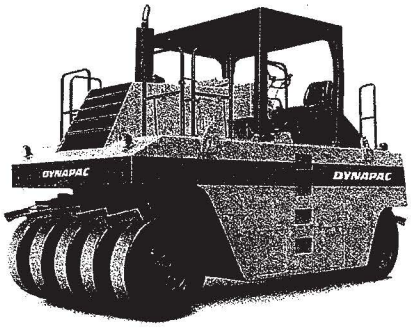
Vehicle width	92.5"
Vehicle length	203"
Number of axles	2
Distance between axles	160"
Track/wheel dimensions	13/80 R20
Track/wheel gage spacing	81.5" Overlapping
GVW	59,526 lbs.
Hauling capacity	N/A
Max operating speed	14.5 MPH
Potential dynamic or vibratory effect?	None
Equipment modifications?	None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

DYNAPAC

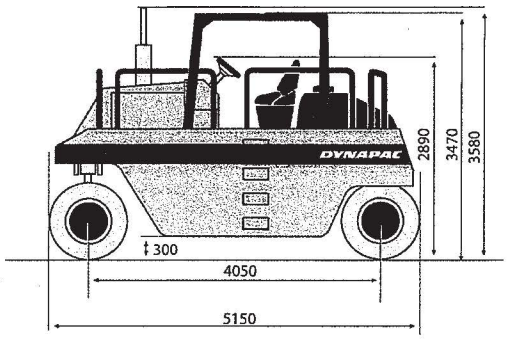
Part of the Atlas Copco Group

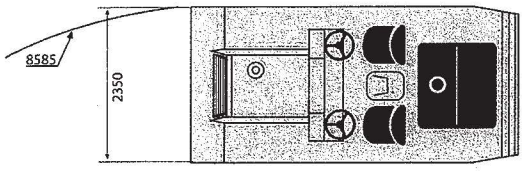
CP271

Pneumatic rollers



Technical data





Dimensions	**CP271**
Compaction width	92.52 in
Masses	
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
Compaction	
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^3
Traction	
Transmission	Clark 20000 - Power Shift to final chain drive
Speed range (km/ h)	4/9/23
Engine	
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
Hydraulic system	
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

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.