MONTANA
Department of Transportation

MDT-BRG-015 04/23

Montana Department of Transportation
Bridge Bureau
Approved Construction Equipment List

mdtacel@mt.gov

Make:	Dynapac
Model:	CC7200
Equipment Type:	Vibratory Roller
Contractor Modifications:	none

Interstate Approval Conditions

Approval Type	crossing with vibration off
Speed:	no restriction
Weight:	39,700 lb or less
Traffic:	approved with regular traffic
Location Restrictions:	stay in painted lane

Non-Interstate Approval Conditions

Approval Type	crossing with vibration off
Speed:	less than 10 mph
Weight:	39,700 lb or less
Traffic:	approved with regular traffic
Location Restrictions:	stay in painted lane

Comments:

Equipment configuration, weights and specifications on following pages. Approval does not apply to load posted bridges. No other construction equipment is allowed on the bridge at the same time as the Dynapac CC7200.

Dynapac CC7200

Double drum vibratory rollers



Technical data

Masses

Max. operating mass	39,700 lbs
Operating mass (incl. ROPS)	37,000 lbs
Module mass (front/rear)	18,200 lbs/18,800 lbs

Propulsion

Speed range	0-7 mph
Vertical oscillation	±5°
Theor. gradeability	31 %

Compaction

Centrifugal force (high/low amplitude)	48,340 lb/22,930 lb
Nominal amplitude (high/low)	0.033 in/0.015 in
Static linear load (front/rear)	217 /224 lbs/in
Vibration frequency (high/low amplitude)	2,700 vpm/2,700 vpm
Water tank	354 gals

Engine

Fuel tank capacity	89 gal

Engine

Manufacturer/Model	Cummins QSB 6.7 (IIIB/T4i)
Type	Water cooled with After Cooler
Rated power, SAE J1995	173 hp @ 2,000 rpm

Hydraulic system

Driving	Axial piston pump with variable displacement. Axial piston motors (2) with constant displacement.
Vibration	Axial piston pump/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.

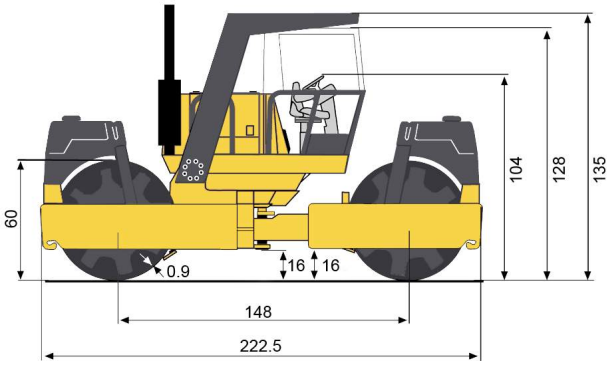
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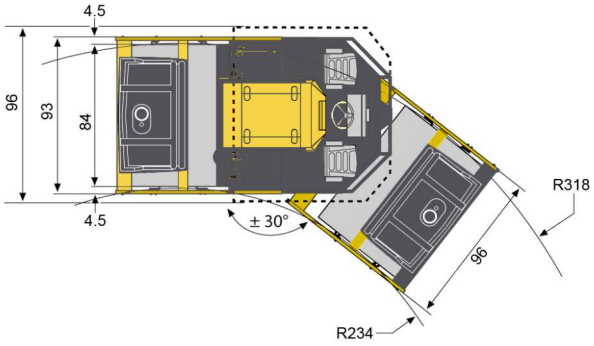
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The above information is a general description only, all informations are supplied without liability.

Dynapac CC7200

Double drum vibratory rollers

Technical data





Service-and repair kits

Type of kit	P/N	Serial Number/Addtitional info
50h service kit	4700945223	(IIIA/T3) No. Oil S/N FA016400
500h service kit	4700950325	(IIIA/T3) No. Oil S/N FA016400
1000h service kit	4700945225	(IIIA/T3) No. Oil S/N FA016400
50h service kit	4812160792	S/N FA016401
500h service kit	4700950325	S/N FA016401
1000h service kit	4812160793	S/N FA016401
50h service kit	4812158072	(IIIB/T4i) No. Oil S/N FA016400
500h service kit	4812158073	(IIIB/T4i) No. Oil S/N FA016400
1000h service kit	4812158074	(IIIB/T4i) No. Oil S/N FA016400
50h service kit	4812160794	S/N FA016401
500h service kit	4812158073	S/N FA016401
1000h service kit	4812160795	S/N FA016401
50h service kit	4812158072	(IIIB/T4i)
500h service kit	4812158073	(IIIB/T4i)
1000h service kit	4812158074	(IIIB/T4i)

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