MONTANA
Department of Transportation

MDT-BRG-015 04/23

Montana Department of Transportation
Bridge Bureau
Approved Construction Equipment List

Make:	*DYNAPAC*
Model:	*CC722*
Equipment Type:	*DOUBLE DRUM VIBRATORY ROLLER*
Contractor Modifications:	*NONE*

Interstate Approval Conditions

Approval Type	*CROSSING ONLY*
Speed:	*NO RESTRICTION*
Weight:	*39,650 LB OR LESS*
Traffic:	*APPROVED WITH REGULAR TRAFFIC*
Location Restrictions:	*NONE*

Non-Interstate Approval Conditions

Approval Type	*CROSSING ONLY*
Speed:	*NO RESTRICTION*
Weight:	*39,650 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.

Vibratory system must be turned off while on bridge.

CC722

Double drum vibratory rollers

DYNAPAC

Part of the Atlas Copco Group



Technical data

Masses

Max. operating mass	17,985 kg
Operating mass (incl. ROPS)	16,780 kg
Module mass (front/rear)	8,245/8,530 kg

Traction

Vertical oscillation	±5°
Theor. gradeability	30 %

Compaction

Centrifugal force (high/low amplitude)	215/102 kN
Nominal amplitude (high/low)	0.7/0.4 mm
Static linear load (front/rear)	38.7/40.0 kg/cm
Vibration frequency (high/low amplitude)	48/48 Hz
Water tank (l)	2x670

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.

Engine

Manufacturer/Model	Cummins QSB 6.7(IIIA/T3)
Type	Water cooled with after cooler
Rated power, SAE J1995	170 kW (228 hp) @ 2,100 rpm
Fuel tank capacity	335 l

Engine

Manufacturer/Model	Cummins QSB 6.7 (IIIB/T4i)
Type	Water cooled with After Cooler
Rated power, SAE J1995	164 kW (220 hp) @ 2,000 rpm

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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 informations are supplied without liability.

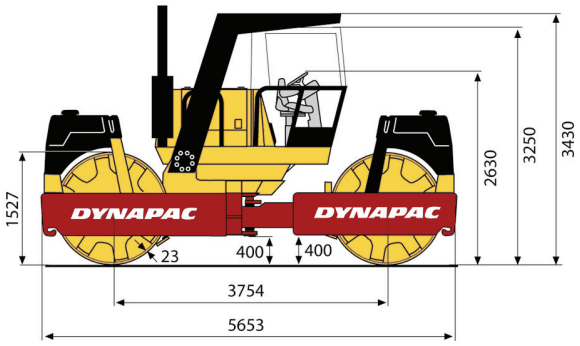
CC722

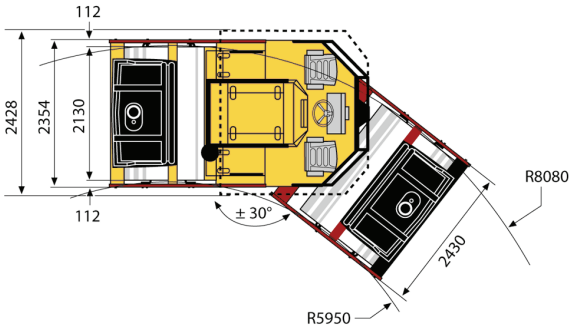
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