

Dynapac CP1200

Pneumatic rollers



Technical data



Masses

Operating mass (incl. ROPS)	5550 kg
Operating mass (incl. Cab)	5850 kg
Mass with max. ballast	12100 kg
Operating mass (incl. Canopy)	5400 kg



Traction

Transmission	Hydrostatic, direct drive motors at rear tyres
Max. theoretical gradeability	30 %
Speed range	0-16 km/h



Compaction

Rolling width	1760 mm
Tyre overlap	12 mm
Wheel loads, without ballast	620 kg
Wheel loads, with max. ballast	1340 kg
Tyre pressure, min	240 kPa
Tyre pressure, max	630 kPa
Tyre type (smooth)	7.50-15, 14 ply
Water spray system, type	Pressurized, electric pump
Water spray system, tank capacity	350 l
Water spray system, spray nozzle	one per tyre
Number of tyres	5 front, 4 rear
Wheel oscillation (°)	±3



Engine

Manufacturer/Model	Cummins QSF 2.8 (Stage IIIB/Tier 4final)
Rated power, SAE J1995	55 kW (74 hp) @ 2200 rpm
Type	Water cooled turbo Diesel
Fuel tank capacity	130 l
Electrical system	12 V



Engine

Manufacturer/Model	Cummins QSB 2.8 (Stage IIIA/Tier 3)
Rated power, SAE J1995	55 kW (74 hp) @ 2200 rpm
Type	Water cooled turbo Diesel



Hydraulic system

Driving	Axial piston pump with variable displacement. Axial piston motors with constant displacement.
Steering	Gear pump with constant displacement.
Service brake	Hydrost. braking on drive wheels (rear)
Parking/ Emergency brake	Failsafe multidisc brake in rear axle.

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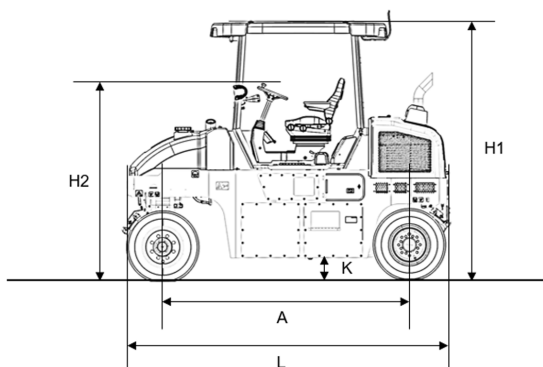
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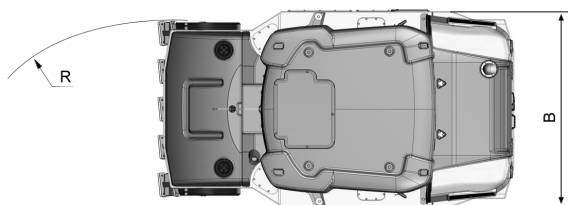
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Dimensions	
A. Wheelbase	2760 mm
B. Width	2050 mm
H1. Height, with ROPS/cab	2950 mm
H2. Height, w/o ROPS/cab	2210 mm
K. Ground clearance	260 mm
L. Length	3660 mm
R. Turning radius, outside	5600 mm
W. Width, wheels	1760 mm



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