

Dynapac CC4200

Double drum vibratory rollers



Technical data



Masses

Max. operating mass	11800 kg
Operating mass (incl. ROPS)	10200 kg
Operating mass (incl. Cab)	10400 kg
Module mass (front/rear)	5200 kg/5200 kg



Compaction

Centrifugal force (high/low amplitude)	139 kN/92 kN
Nominal amplitude (high/low)	0.8 mm/0.3 mm
Static linear load (front/rear)	29.5/29.5 kg/cm
Vibration frequency (high/low amplitude)	51 Hz/67 Hz
Water tank volume	900 l



Traction

Speed range (Dual/TC/AS)	0-12 km/h
Vertical oscillation	±7°
Max. theoretical gradeability	45 %



Engine

Type	Water cooled turbo Diesel
(*) Rated power	82 kW
(*) Rated power	110 hp
(*) Rated power @	2200 rpm
Rated power, SAE J1995	82 kW (110 hp) @ 2200 rpm



Engine

Rated power [engine 3, kW]	82
Rated power [engine 3, hp]	110
Rated power [engine 3, rpm]	2200



Hydraulic system

Driving	Axial piston pump with variable displacement. Axial piston motors (2) with variable displacement.
Vibration	Axial piston pumps(2) with variable displacem. Axial piston motors(2) with const. displacem.
Steering	Gear pump with constant displacem.
Service brake	Hydrostatic in forward and reverse lever.
Parking/ Emergency brake	Failsafe multidisc brake in both drums.

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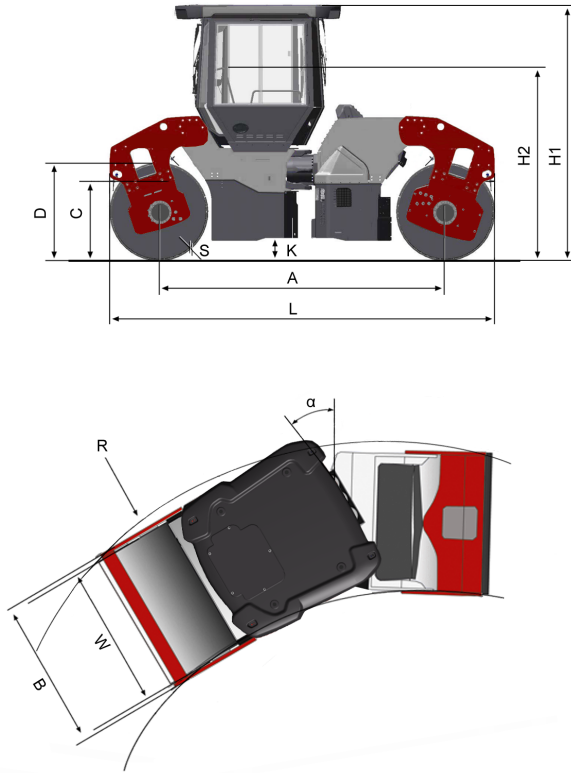
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Dimensions	
A. Wheelbase	3690 mm
B. Width	1878 mm
C. Curb clearance	865 mm
D. Drum diameter	1300 mm
H1. Height, with ROPS/cab	2990 mm
H2. Height, w/o ROPS/cab	2275 mm
K. Ground clearance	310 mm
L. Length	4990 mm
R. Turning radius, outside	5960 mm
S. Drum shell thickness	18 mm
W. Drum width	1730 mm
α. Steering angle	±32°



Optional equipment

Air Conditioning /Automatic Climate Control (ACC) (Optional)

- The system contains fluorinated greenhouse gases.
- Coolant designation: HFC-134a
- Coolant weight when full: 1,35 kg
- CO₂-equivalent: 1,930 ton
- GWP: 1430

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