

Dynapac CC5200

Double drum vibratory rollers



Technical data



Masses

Max. operating mass	12,700 kg
Operating mass (incl. ROPS)	11,300 kg
Module mass (front/rear)	5,650/5,650 kg



Traction

Speed range (Dual/TC/AS)	0-12
Vertical oscillation	±7°
Theor. gradeability	40 %



Compaction

Centrifugal force (high/low amplitude)	154/101 kN
Nominal amplitude (high/low)	0.8/0.3 mm
Static linear load (front/rear)	29.0/29.0 kg/cm
Vibration frequency (high/low amplitude)	51/67 Hz
Water tank (l)	900/1150/1400



Engine

Manufacturer/Model	Cummins QSB 4.5 IIB/T4i
Type	Water cooled turbo Diesel with After Cooler
Rated power, SAE J1995	97 kW (130 hp) @ 2,200 rpm
Fuel tank capacity	240 l



Engine

Manufacturer/Model	Cummins QSB4.5 IIIA/T3
Type	Water cooled turbo Diesel with After Cooler
Rated power, SAE J1995	93 kW (125 hp) @ 2,200 rpm



Hydraulic system

Driving	Axial piston pump with variable displacement. Axial piston motors (2) with variable displacement.
Vibration	Axial piston pumps (2) with variable displacement. Axial piston 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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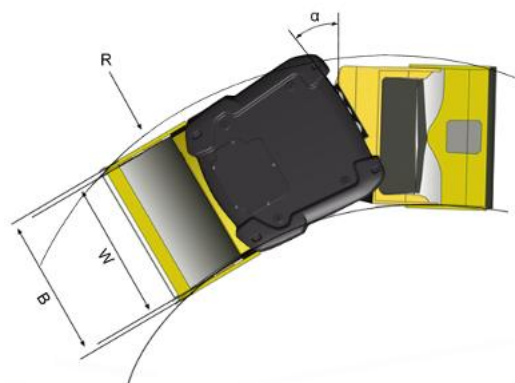
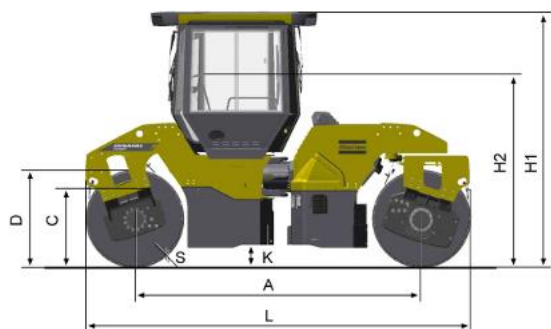
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Dimensions	
A. Wheelbase	3,690 mm
B. Width	2,138 mm
C. Curb clearance	865 mm
D. Drum diameter	1,300 mm
H1. Height, with ROPS/cab	2,990 mm
H2. Height, w/o ROPS/cab	2,275 mm
K. Ground clearance	310 mm
L. Length	4,990 mm
R. Turning radius, outside	6,070 mm
S. Drum shell thickness	18 mm
W. Drum width	1,950 mm
α . Steering angle	$\pm 32^\circ$

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