Dynapac CC5200 VI

Double drum vibratory rollers





Technical data

Masses

Max. operating mass	14890 kg
Operating mass (incl. ROPS)	11800 kg
Module mass (front/rear)	5900 kg/5900 kg

Traction

Speed range	0-12 km/h
Vertical oscillation	±7°
Max. theoretical gradeability	34 %

Compaction

Centrifugal force (high/low amplitude)	144 kN/93 kN
Nominal amplitude (high/ low)	0.8 mm /0.3 mm
Static linear load (front/ rear)	30.3 kg/cm /30.3 kg/cm
Vibration frequency (high/ low amplitude)	51 Hz/67 Hz
Water tank volume	850 liters /(1050 liters w. opt. watert.)
Water tank volume (front drum steering)	860 liters

Compaction (CE)

Centrifugal force (high/low amplitude)	106 kN/68 kN
Vibration frequency (high/ low amplitude)	44 Hz/58 Hz

Engine

Manufacturer/Model	Cummins F3.8 V
Type	Water cooled turbo diesel
Rated power, SAE J1995	100 kW (135 hp) @ 2200 rpm
Fuel tank capacity	180 l
DEF tank capacity	15 l

Engine

Manufacturer/Model	Cummins QSF3.8 IV/T4f
Type	Water cooled turbo diesel
Rated power, SAE J1995	97 kW (130 hp) @ 2200 rpm
Fuel tank capacity	180 l
DEF tank capacity	15 l

Engine

Manufacturer/Model	Cummins QSF 3.8 IIIA/T3
Type	Water cooled turbo diesel
Rated power, SAE J1995	104 kW (140 hp) @ 2200 rpm

Hydraulic system

Steering	Gear pump with constant displacement.
Service brake	Hydrostatic in forward and reverse lever.
Parking/ Emergency brake	Failsafe multidisc brake in both drums.

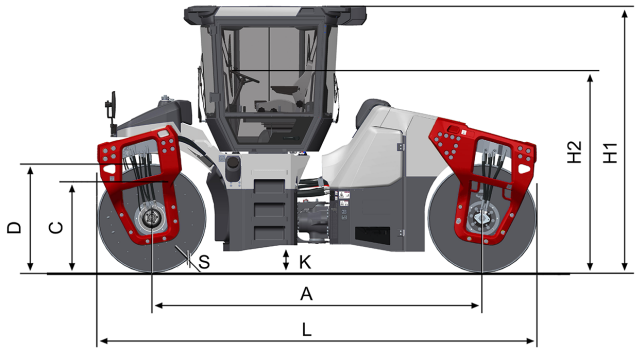
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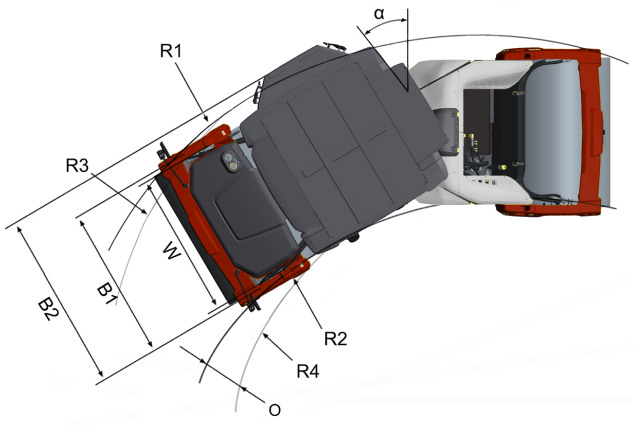
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Dimensions	
A. Wheelbase	3760 mm
B1. Width, front	2180 mm
B2. Width, with cab	2410 mm
C. Curb clearance	815 mm
D. Drum diameter	1300 mm
H. Height, with ROPS/cab	2990 mm
K. Ground clearance	310 mm
L. Length	5060 mm
O. Off-set	520 mm
R1. Turning radius, outside	7410 mm
R2. Turning radius, inside	5460 mm
R3. Turning radius with off-set, outside	5580 mm
R4. Turning radius with off-set, inside	3630 mm
S. Drum shell thickness	20 mm
W. Drum width	1950 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: 1,6 kg
- CO_2-equivalent: 2,288 ton
- GWP: 1430

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