

CC5200 Double drum vibratory rollers



TECHNICAL DATA

MASSES

COMPACTION

Centrifugal force (high/low amplitude)	154 kN/101 kN
Nominal amplitude (high/low)	0,8 mm/0,3 mm
Static linear load (front/rear)	31,0/30,0 kg/cm
Vibration frequency (high/low amplitude)	51 Hz/67 Hz
Water tank volume	900/1150/1400 I

TRACTION

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

ENGINE

Manufacturer/Model	Cummins QSB4.5 IIIA/T3
Туре	Water cooled turbo diesel
Rated power, SAE J1995	93 kW (125 hp) @ 2 200 rpm
Fuel tank capacity	240

HYDRAULIC SYSTEM

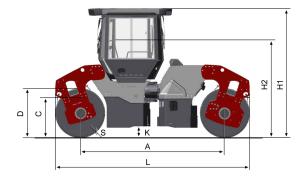
Driving	Axial piston pump with variable displacement. Axial piston motors (2) with variable displacement.
Vibration	Axial piston pumps(2) with variable displacem. Axial piston motors(2) with const. displacem.
Steering	Gear pump with constant displacem.
Service brake	Hydrostatic in forward and reverse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

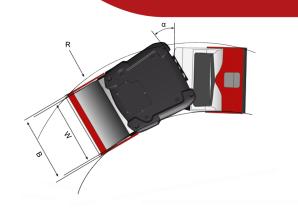
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DIMENSIONS

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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	±32°

OPTIONAL EQUIPMENT

Air Conditioning

The system contains fluorinated greenhouse gases.

Coolant designation: HFC-134a

Coolant weight when full: 1,35 kg

■ CO₂-equivalent: 1,930 ton

■ GWP: 1430

Machine data based on machine with cab, air condition and offset

 Please note unless otherwise stated all data is based on machine equipped with cab, air condition and offset

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