

Dynapac CC5200C

Combi rollers

Atlas Copco



Technical data



Masses

Max. operating mass	24,000 lbs
Operating mass (incl. ROPS)	22,000 lbs
Module mass (front/rear)	12,450/9,550 lbs



Propulsion

Speed range	0-7,5 mph
Vertical oscillation	±8°
Theor. gradeability	35 %



Compaction

Wheel load	2390 (pounds/wheel)
Centrifugal force (high/low amplitude)	34,650/22,720 lb
Nominal amplitude (high/low)	0.031/0.012 in
Static linear load	162 lbs/in
Vibration frequency (high/low amplitude)	3,060/4,020 vpm
Water tank	238/304 gal
Emulsion tank	21 gal



Engine

Manufacturer/Model	Cummins QSB 4.5 IIB/T4i
Rated power, SAE J1995	110 hp @ 2,200 rpm
Fuel tank capacity	63 gal



Hydraulic system

Driving	Axial piston pump with variable displacement. Axial piston motors (3) with variable displacement.
Vibration	Axial piston pump with variable displacement. Axial piston motor with constant displacement.
Steering	Gear pump with constant displacement.
Service brake	Hydrostatic in forward and reverse lever.
Parking/Emergency brake	Failsafe multidisc brake in drum and wheel motors.

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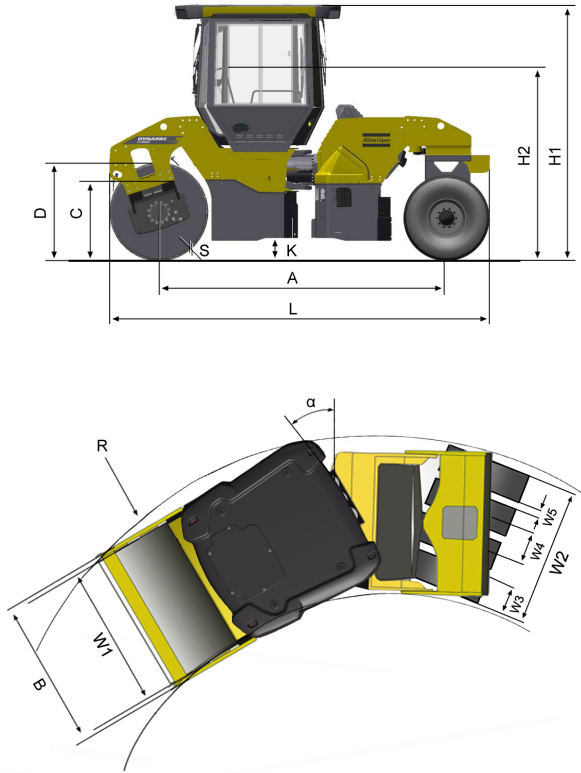
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Dimensions

A. Wheelbase	145 in
B. Width	84 in
C. Curb clearance	34 in
D. Drum diameter	51 in
H1. Height, with ROPS/cab	118 in
H2. Height, w/o ROPS/cab	90 in
K. Ground clearance	12 in
L. Length	196 in
R. Turning radius, outside	200 in
S. Drum shell thickness	0.7 in
W1. Drum width	77 in
W2. Width, wheel module	65 in
W3. Width, tyre	11 in
W4. Wheel track	18 in
W5. Wheel spacing	6 in
α. Steering angle	±32°



Standard equipment

- Automatic vibration control (AVC)
- Automatic water control (AWC)
- Back-up alarm
- Display: Engine temp, Fuel level, Frequency/impactometer, Hydr. temp, Speedometer, Tachometer, Voltage, VPM, Water level
- Filters for sprinkler system
- Hydraulic check points
- Lunch box holder
- Operator platform, shock mounted
- Pressurized sprinkler system
- ROPS canopy w/suspension seat & 3" seat belt
- Rotating beacon
- Sliding and swiveling operator's platform
- Spring loaded scrapers
- Sprinkler timer
- Sprinkler system additional (Two bars per drum)
- Steering wheel tilt able
- Vandal cover for instrument panel
- Vibration quick stop
- Warning lights: Air cleaner, Brake, Clogged hyd. fluid filter, Engine oil pressure/temp, Hyd oil temp, Low charge, Low fuel
- Working lights, Rops mounted



Optional equipment

- Asphalt Temp Meter
- Compaction Analyzer
- Drum Edge Lights
- Whisper Cab Package

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