

# Dynapac CO5200 VI

## Double drum vibratory/oscillation rollers



### Technical data



#### Masses

Max. operating mass	14790 kg
Operating mass (incl. ROPS)	11700 kg
Module mass (front/rear)	5900 kg/5800 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/29.7 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



#### Compaction (Oscillation)

Oscillation force	122 kN
Oscillation frequency	40 Hz
Tangential amplitude	1.30 mm



#### 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
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

Driving	Axial piston pump with variable displacement. Radial 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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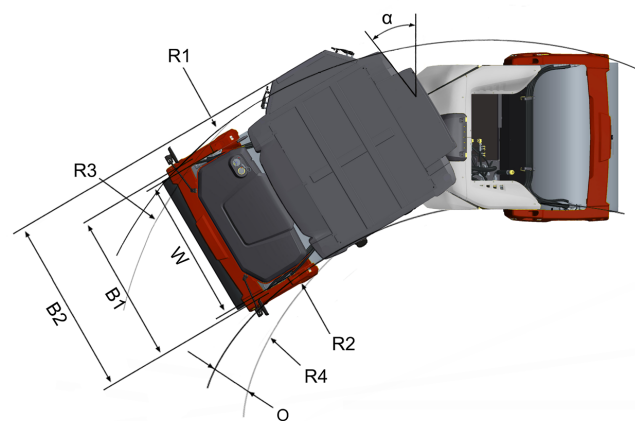
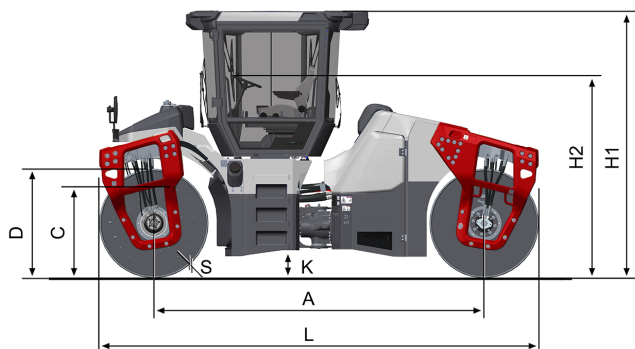
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## Technical data



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/13 mm
W. Drum width	1950 mm
$\alpha$ . Steering angle	$\pm 32^\circ$

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