

# Dynapac CO2200

Double drum vibratory/oscillation rollers



## Technical data



### Masses

Max. operating mass	9100 kg
Operating mass (incl. ROPS)	7700 kg
Operating mass (incl. Cab)	7900 kg
Module mass (front/rear)	3800 kg/3900 kg



### Traction

Speed range	0-12 km/h
Vertical oscillation	±7°
Max. theoretical gradeability	42 %



### Compaction

Centrifugal force (high/low amplitude)	78 kN/67 kN
Nominal amplitude (high/low)	0.7 mm/0.3 mm
Static linear load (front/rear)	25,3/26,0 kg/cm
Vibration frequency (high/low amplitude)	48 Hz/67 Hz
Water tank volume	750 l



### Compaction (CE)

Centrifugal force (high/low amplitude)	72 kN/38 kN
Nominal amplitude (high/low)	0.7/0.2 mm
Vibration frequency (high/low amplitude)	48 Hz/62 Hz



### Compaction (Oscillation)

Oscillation force	103 kN
Oscillation frequency	40 Hz
Tangential amplitude	1.39 mm



### Engine

Manufacturer/Model	Deutz TCD 3.6 HT T4f
Type	Water cooled turbo diesel
Rated power, SAE J1995	55 kW (74 hp) @ 2200 rpm
Fuel tank capacity	130 l



### Engine

Manufacturer/Model	Cummins QSB 3.3 IIIA/T3
Type	Water cooled turbo diesel
Rated power, SAE J1995	74kW (99hp) @ 2200 rpm



### Engine

Manufacturer/Model	Deutz TCD 3.6 HT StageV
Type	Water cooled turbo diesel
Rated power, SAE J1995	55 kW (74 hp) @ 2200 rpm



### Hydraulic system

Driving	Axial piston pump with variable displacement Axial piston front motor(1) and radial piston rear motor(1) 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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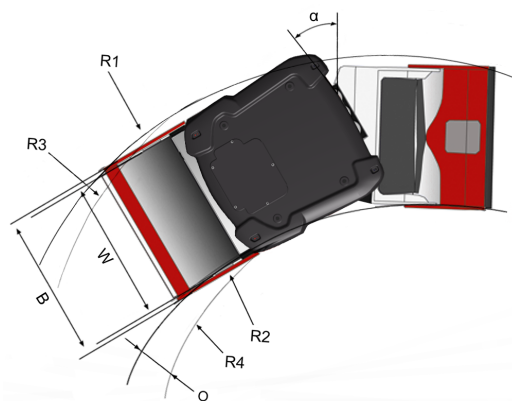
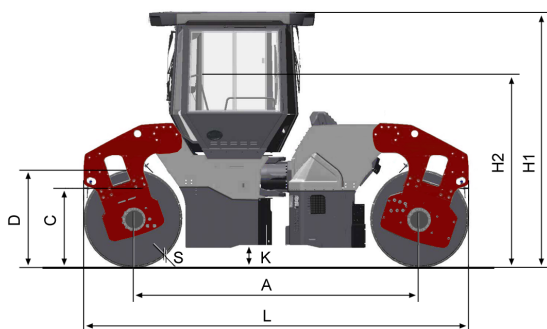
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Dimensions	
A. Wheelbase	3340 mm
B. Width	1620 mm
C. Curb clearance	715 mm
D. Drum diameter	1150 mm
H1. Height, with ROPS/cab	2990 mm
K. Ground clearance	270 mm
L. Length	4490 mm
R. Turning radius, outside	5190 mm
S. Drum shell thickness	20 mm
W. Drum width	1500 mm
$\alpha$ . Steering angle	$\pm 32^\circ$

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