

Dynapac CC2300C

Combi rollers



Technical data



Masses

Max. operating mass	8650 kg
Operating mass (incl. ROPS)	7600 kg
Module mass (front/rear)	4050 kg/3550 kg



Traction

Speed range (Dual/TC/AS)	0-12 km/h
Vertical oscillation	±7
Theor. gradeability	46 %



Compaction

Wheel load	888 (kg/wheel)
Centrifugal force (high/low amplitude)	72/59 kN
Nominal amplitude (high/low)	0.50/0.20 mm
Static linear load	27.0 kg/cm
Vibration frequency (high/low amplitude)	48/67 Hz
Water tank	750 l
Emulsion tank	78 l
Split drums	Yes



Compaction (CE)

Centrifugal force (high/low amplitude)	72 kN/51 kN
Nominal amplitude (high/low)	0.50/0.20 mm
Vibration frequency (high/low amplitude)	48/62 Hz



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	74 kW (99 hp) @ 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 motors (4) 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 both drums.

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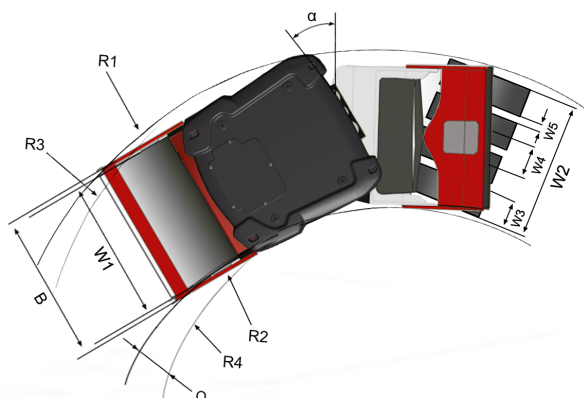
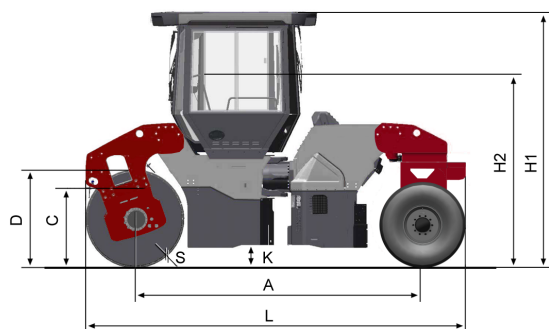
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Dimensions	
A. Wheelbase	3340 mm
B. Width	1620 mm
C. Curb clearance	715 mm
D. Drum diameter	1150 mm
H1. Height, with ROPS/cab	2990 mm
K. Ground clearance	270 mm
L. Length	4490 mm
O. Off-set	335 mm
R1. Turning radius, outside	6570 mm
R2. Turning radius, inside	5070 mm
R3. Turning radius with off-set, outside	4890 mm
R4. Turning radius with off-set, inside	3390 mm
S. Drum shell thickness	17 mm
W1. Drum width	1500 mm
W2. Width, wheel module	1454 mm
W3. Width, tyre	285 mm
W4. Wheel track	441 mm
W5. Wheel spacing	75 mm
α . Steering angle	$\pm 32^\circ$

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