

# Dynapac CC3800

## Double drum vibratory rollers

*Atlas Copco*



### Technical data



#### Masses

Max. operating mass	10,700 kg
Operating mass (incl. ROPS)	9,400 kg
Module mass (front/rear)	4,700/4,700 kg



#### Traction

Speed range (Dual/TC/AS)	0 - 12
Vertical oscillation	±7
Theor. gradeability	37 %



#### Compaction

Centrifugal force (high/low amplitude)	90/75 kN
Nominal amplitude (high/low)	0.7/0.3 mm
Static linear load (front/rear)	27.2/27.2 kg/cm
Vibration frequency (high/low amplitude)	48/67 Hz
Water tank (l)	750



#### Engine

Manufacturer/Model	Deutz TCD 3.6 IIIB/T4i
Type	Water cooled turbo Diesel with After Cooler
Rated power, SAE J1995	75 kW (100 hp ) @ 2,200 rpm
Fuel tank capacity	130 l



#### Engine

Manufacturer/Model	Cummins QSB 3.3 IIIA/T3
Type	Water cooled turbo Diesel with After Cooler
Rated power, SAE J1995	74 kW (99 hp ) @ 2,200 rpm



#### Hydraulic system

Driving	Axial piston pump with variable displacement. Axial 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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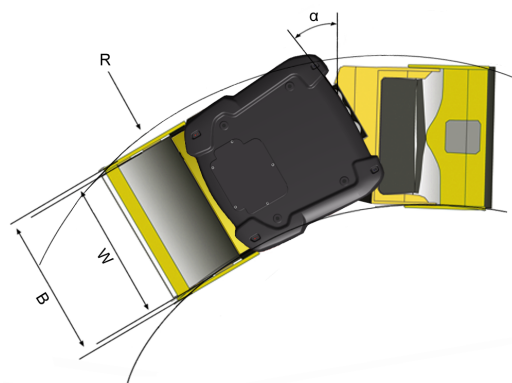
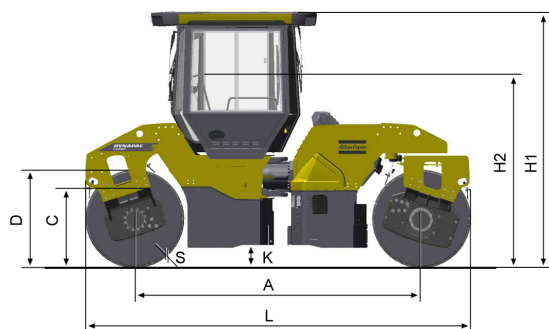
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Dimensions	
A. Wheelbase	3,340 mm
B. Width	1,940 mm
C. Curb clearance	715 mm
D. Drum diameter	1,150 mm
H1. Height, with ROPS/cab	2,990 mm
H2. Height, w/o ROPS/cab	2,275 mm
K. Ground clearance	270 mm
L. Length	4,490 mm
R. Turning radius, outside	5,305 mm
S. Drum shell thickness	17 mm
W. Drum width	1,730 mm
$\alpha$ . Steering angle	$\pm 32^\circ$

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