

Dynapac CA3500 DCO

Single drum vibratory rollers

Atlas Copco



Technical data



Masses

Operating mass (incl. Cab)	12,200 kg
Module mass (front/rear)	7,700/4,500 kg
Max. operating mass	12,500 kg



Dimensions

Drum width	2,130 mm
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Traction

Speed range	0 -12 km/h
Vertical oscillation	±9°
Tyre size (8 ply)	23,1 x 26 AW
Theor. gradeability	55 %



Compaction

Static linear load	36 kg/cm
Amplitude	0 -2 mm
Vibration frequency	28 Hz
Centrifugal force	261 kN



Engine

Manufacturer/Model	Cummins QSB 4.5 (IIIA/3)
Type	Water cooled turbo diesel
Rated power, SAE J1995	97 kW (132 hp) @ 2,200 rpm
Fuel tank capacity	272 l



Engine

Manufacturer/Model	Cummins QSB4.5 (IIIB/4i)
Type	Water cooled turbo diesel
Rated power, SAE J1995	119 kW (162 hp) @ 2,200 rpm



Hydraulic system

Driving	Hydrostatic
Vibration	Hydrostatic
Steering	Hydrostatic
Service brake	Hydrostatic in forward and reverse lever.
Parking/ Emergency brake	Failsafe multidisc brake in drum gear box and in rear axle.

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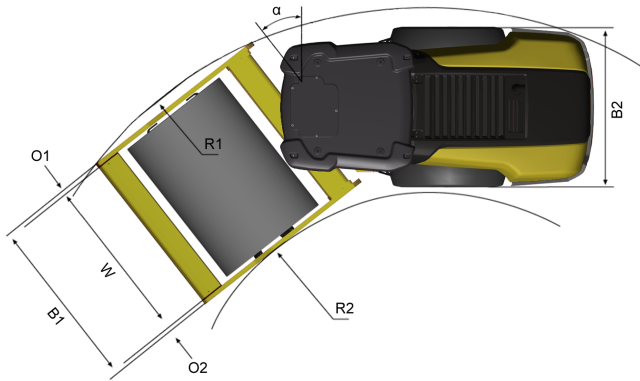
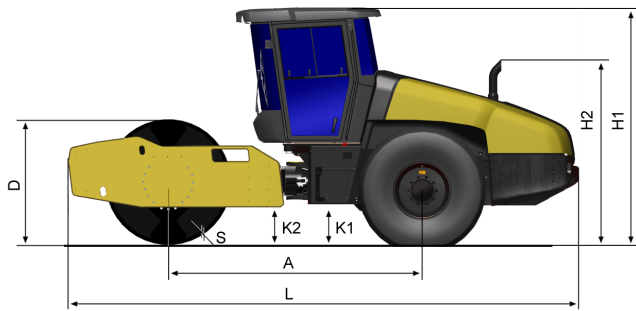
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Dimensions	
A. Wheelbase	3,100 mm
B1. Width, front	2,300 mm
B2. Width, rear	2,130 mm
D. Drum diameter	1,520 mm
H1. Height, with ROPS/cab	2,880 mm
H2. Height, w/o ROPS/cab	2,130 mm
K1. Ground clearance	450 mm
K2. Curb clearance	450 mm
L. Length	5,990 mm
O1. Overhang, right	105 mm
O2. Overhang, left	105 mm
S. Drum shell thickness	35 mm
W. Drum width	2,130 mm
α . Steering angle	$\pm 38^\circ$

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