

CA2500D

Single drum vibratory rollers

DYNAPAC

Part of the Atlas Copco Group



Technical data



Masses

Operating mass (incl. ROPS)	10,100 kg
Operating mass (incl. Cab)	10,300 kg
Module mass (front/rear)	5,600/4,700 kg
Max. operating mass	11,900 kg



Traction

Speed range	4/6/9/12 km/h
Vertical oscillation	±9°
Tyre size (8 ply)	23,1 x 26 AW
Theor. gradeability	51 %



Compaction

Static linear load	26 kg/cm
Nominal amplitude (high/low)	1.8/0.9 mm
Vibration frequency (high/low amplitude)	33/34 Hz
Centrifugal force (high/low amplitude)	250/130 kN



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.



Engine

Manufacturer/Model	Cummins QSB4.5 (IIIA/3 or IIIB/4i)
Type	Water cooled turbo diesel
Rated power, ISO 14396	119 kW (162 hp) @ 2,200 rpm
Fuel tank capacity	272 l



Engine

Manufacturer/Model	Cummins QSB4.5 (IIIA/3 or IIIB/4i)
Rated power, ISO 14396	97 kW (132 hp) @ 2,200 rpm
Type	Water cooled turbo diesel



Engine

Manufacturer/Model	Cummins QSB4.5 (IIIA/3 or IIIB/4i)
Rated power, ISO 14396	82 kW (110 hp) @ 2,200 rpm
Type	Water cooled turbo diesel

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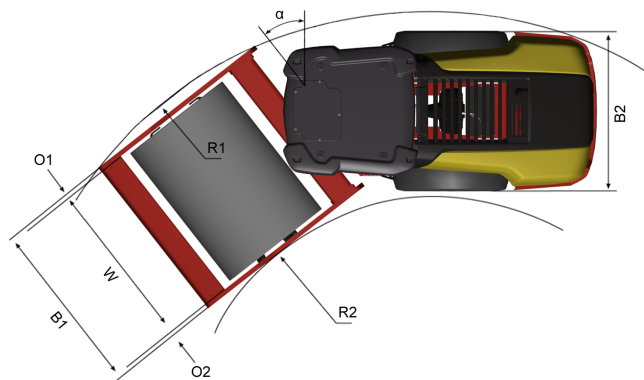
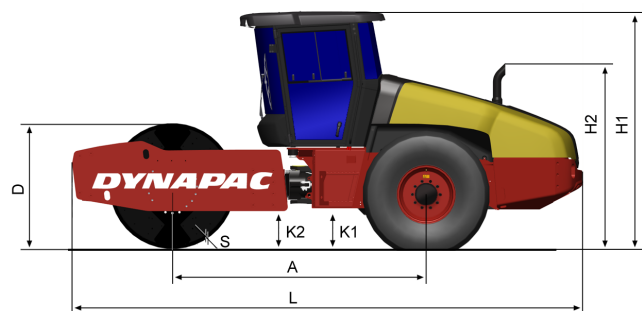
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Dimensions	
A. Wheelbase	2,990 mm
B1. Width, front	2,300 mm
B2. Width, rear	2,130 mm
D. Drum diameter	1,500 mm
H1. Height, with ROPS/cab	2,870 mm
H2. Height, w/o ROPS/cab	2,130 mm
K1. Ground clearance	450 mm
K2. Curb clearance	450 mm
L. Length	5,990 mm
O1. Overhang, right	85 mm
O2. Overhang, left	85 mm
R1. Turning radius, outside	5,600 mm
R2. Turning radius, inside	3,300 mm
S. Drum shell thickness	25 mm
W. Drum width	2,130 mm
α . Steering angle	$\pm 38^\circ$

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