

Dynapac CC1000

Double drum vibratory rollers

Atlas Copco



Technical data



Masses

Max. operating mass	1,750 kg
Operating mass (incl. ROPS)	1,685 kg
Module mass (front/rear)	790/895 kg



Traction

Speed range (Dual/TC/AS)	0-9
Vertical oscillation	±13°
Theor. gradeability	40 %



Compaction

Centrifugal force	17 kN
Nominal amplitude	0.4 mm
Static linear load (front/rear)	7.9/8.9 kg/cm
Vibration frequency	70 Hz
Water tank	110 l



Engine

Manufacturer/Model	Kubota D1105-E4B T4f
Type	Water cooled diesel
Rated power, SAE J1995	18 kW (24 hp) @ 2,800 rpm
Fuel tank capacity	23 l



Hydraulic system

Driving	Axial piston pump with variable displacement and servo. 2 radial piston motors with constant displacement.
Vibration	Gear pump/motors with constant displacement.
Steering	Gear pump with constant displacement.
Service brake	Hydrostatic in forward and reverse lever.
Parking/ Emergency brake	Failsafe brake in both drums.

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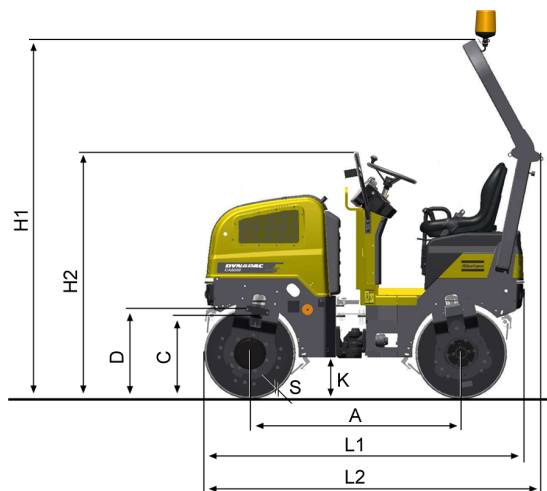
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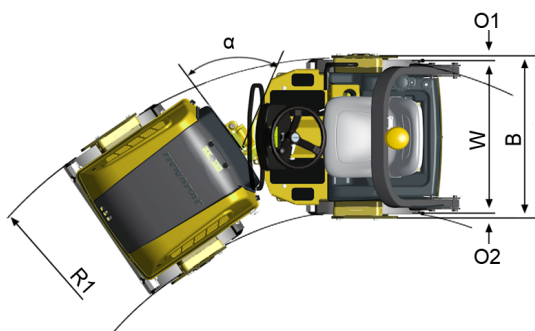
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Dimensions	
A. Wheelbase	1,350 mm
B. Width	1,070 mm
C. Curb clearance	465 mm
D. Drum diameter	584 mm
H2. Height, w/o ROPS/cab	1,585 mm
K. Ground clearance	250 mm
L1. Length	2,040 mm
L2. Length (ROPS)	2,095 mm
O1. Overhang, right	35 mm
O2. Overhang, left	35 mm
R1. Turning radius, outside	2,750 mm
S. Drum shell thickness	13 mm
W. Drum width	1,000 mm
α. Steering angle	±34°



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