

Dynapac CC1300

Double drum vibratory rollers

Atlas Copco



Technical data



Masses

Max. operating mass	4,030 kg
Operating mass (incl. ROPS)	3,900 kg
Module mass (front/rear)	1,900/2,000 kg



Traction

Speed range (Dual/TC/AS)	0-10 km/h
Vertical oscillation	±10°
Theor. gradeability	41 %



Compaction

Centrifugal force	33 kN
Nominal amplitude	0.5 mm
Static linear load (front/rear)	14.5/15.4 kg/cm
Vibration frequency	52 Hz
Water tank	200 l



Engine

Manufacturer/Model	Kubota V2203-M
Type	Water cooled
Rated power, SAE J1995	33 kW (44 hp) @ 2,600 rpm
Fuel tank capacity	50 l



Hydraulic system

Driving	Axial piston pump with variable displacement. Radial piston motors (2) 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 multidisc brake in both drums.

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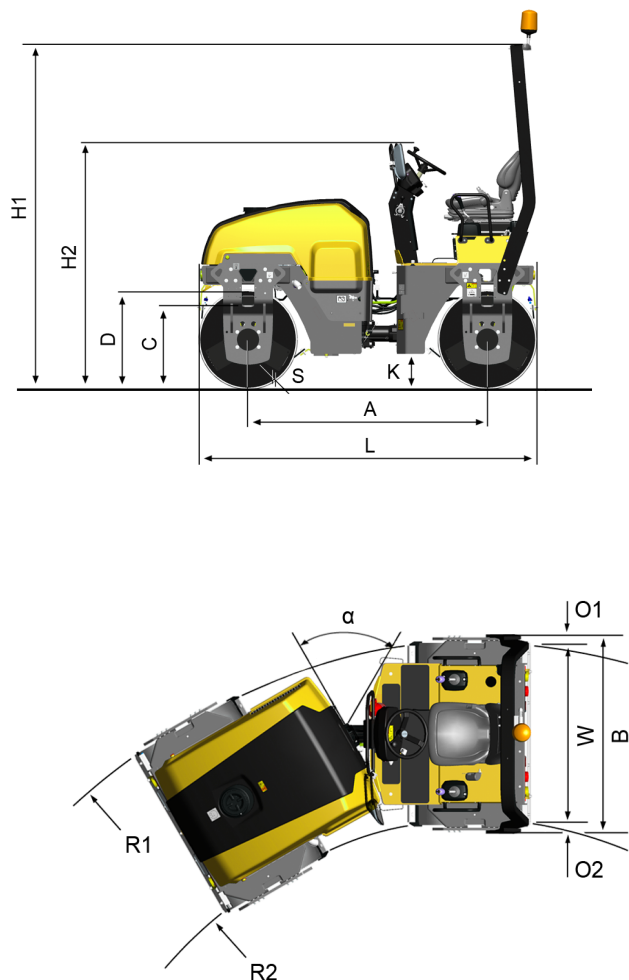
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Dimensions	
A. Wheelbase	1,925 mm
B. Width	1,450 mm
C. Curb clearance	600 mm
D. Drum diameter	802 mm
H1. Height, with ROPS/cab	2,750 mm
H2. Height, w/o ROPS/cab	1,855 mm
K. Ground clearance	260 mm
L. Length	2,395 mm
O1. Overhang, right	50 mm
O2. Overhang, left	50 mm
R1. Turning radius, outside	4,240 mm
R2. Turning radius, inside	2,940 mm
S. Drum shell thickness	16 mm
W. Drum width	1,300 mm
α. Steering angle	±30°

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