

Dynapac CA1300PDB

Single drum vibratory rollers



Technical data



Masses

Operating mass (incl. ROPS)	5,000 kg
Module mass (front/rear)	2,250 kg/2,750 kg
Max. operating mass	5,200 kg



Dimensions

Drum width	1,370 mm
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Compaction

Nominal amplitude	1.5 mm
Vibration frequency	35 Hz
Centrifugal force	89 kN



Hydraulic system

Driving	Axial piston pump with variable displacement. Axial piston motor with constant displacement. Radial piston motor with constant displacement.
Vibration	Gear pump/motor with constant displacement.
Steering	Gear pump with constant displacement.
Service brake	Hydrostatic in forward and reverse lever.
Parking/Emergency brake	Failsafe multidisc brake in rear axle and front drum motor.



Engine

Manufacturer/Model	Kubota V 3307 CR-TE4 (Stage IIIB/Tier 4f)
Type	Water cooled turbo Diesel
Rated power, SAE J1995	55 kW (75 hp) @ 2,200 rpm
Fuel tank capacity	117 l



Engine

Manufacturer/Model	Kubota V 3307 CR-TE5 (Stage V)
Type	Water cooled turbo Diesel
Rated power, SAE J1995	55 kW (75 hp) @ 2200 rpm



Traction

Speed range (Dual/TC/AS)	0 -6 km/h
Tyre size (8 ply)	12,5-20
Theor. gradeability	52 %
Vertical oscillation	±9°
Number of pads	72
Pad area	53 cm ²
Pad height	76 mm

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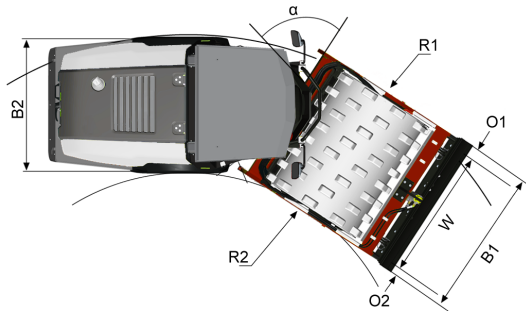
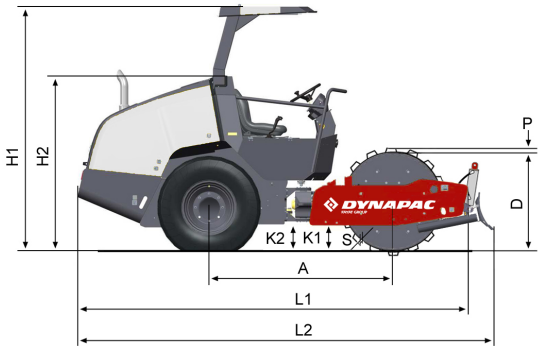
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Dimensions	
A. Wheelbase	1,860 mm
B1. Width, front	1,495 mm
B2. Width, rear	1,400 mm
D. Drum diameter	1,000 mm
H1. Height, with ROPS/cab	2,540 mm
H2. Height, w/o ROPS/cab	1,810 mm
K1. Ground clearance	260 mm
K2. Curb clearance	260 mm
L1. Length	3,950 mm
L2. Length, with strike-off blade	4,230 mm
O1. Overhang, right	62 mm
O2. Overhang, left	62 mm
P. Pad height	76 mm
R1. Turning radius, outside	3,900 mm
R2. Turning radius, inside	2,460 mm
S. Drum shell thickness	22 mm
W. Drum width	1,370 mm
α . Steering angle	$\pm 33^\circ$

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