

Dynapac CA5000D

Single drum vibratory rollers



Technical data



Masses

Operating mass (incl. ROPS)	16000 kg
Operating mass (incl. Cab)	16200 kg
Module mass (front/rear)	10700 kg/5500 kg
Max. operating mass	18700 kg



Dimensions

Drum width	2130 mm
------------	---------



Traction

Speed range (Dual/TC/AS)	4/6/7/11 km/h
Vertical oscillation	±9°
Tyre size (12 ply)	23.1 x 26 AW
Max. theoretical gradeability	49 %



Compaction

Static linear load	50 kg/cm
Nominal amplitude (high/low)	2.1 mm/0.8 mm
Centrifugal force (high/low amplitude)	330 kN/140 kN
Vibration frequency (high/low amplitude) SEISMIC available (values for manual mode)	29 Hz /30 Hz



Engine

Type	Water cooled turbo Diesel
Rated power, SAE J1995	149 kW (200 hp) @ 2200 rpm
Fuel tank capacity	255 l
DEF tank capacity	30 l



Engine

Type	Water cooled turbo Diesel
Rated power, ISO 14396	128 kW (174 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.

Find us locally at www.dynapac.com

We reserve the right to change specifications without notice. Photos and illustrations do not always show standard versions of machines.
The above information is a general description only, all informations are supplied without liability.

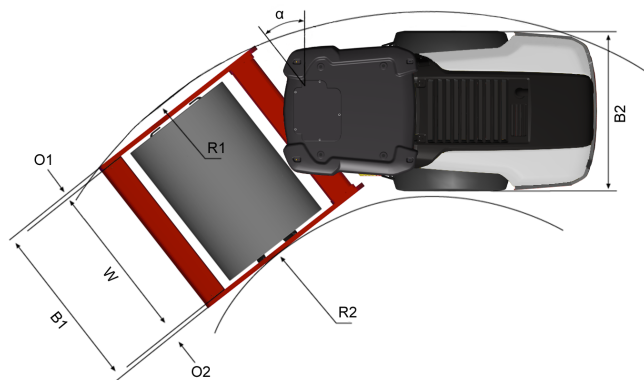
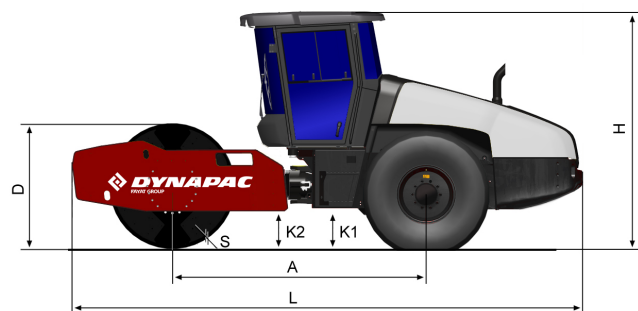
dynapac_ca5000d_en-20220202.070307.pdf 2022-02-02 07:03

Dynapac CA5000D

Single drum vibratory rollers



Technical data



Dimensions

A. Wheelbase	3100 mm
B1. Width, front	2340 mm
B2. Width, rear	2130 mm
D. Drum diameter	1536 mm
H1. Height, with ROPS/cab	2890 mm
H2. Height, w/o ROPS/cab	2130 mm
K1. Ground clearance	450 mm
K2. Curb clearance	450 mm
L. Length	6240 mm
O1. Overhang, right	105 mm
O2. Overhang, left	105 mm
R1. Turning radius, outside	5800 mm
R2. Turning radius, inside	3300 mm
S. Drum shell thickness	43 mm
W. Drum width	2130 mm
α. Steering angle	±38°



Optional equipment

Air Conditioning /Automatic Climate Control (ACC) (Optional)

- The system contains fluorinated greenhouse gases.
- Coolant designation: HFC-134a
- Coolant weight when full: 1,35 kg
- CO₂-equivalent: 1930 ton
- GWP: 1430

Find us locally at www.dynapac.com

We reserve the right to change specifications without notice. Photos and illustrations do not always show standard versions of machines.
The above information is a general description only, all informations are supplied without liability.

dynapac_ca5000d_en-20220202.070307.pdf 2022-02-02 07:03