

## 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

#### 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

### **TRACTION**

Speed range (Dual/TC/AS) 4/6/7/11 km/h Vertical oscillation  $\pm 9^{\circ}$  Tyre size (12 ply) 23.1 x 26 AW Max. theoretical gradeability 49 %

#### **ENGINE**

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

#### **ENGINE**

Type Water cooled turbo Diesel Rated power, ISO 14396 128 kW (174 hp) @ 2,200 rpm

#### **HYDRAULIC SYSTEM**

Driving Hydrostatic

Vibration Hydrostatic

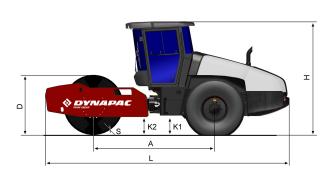
Steering Hydrostatic

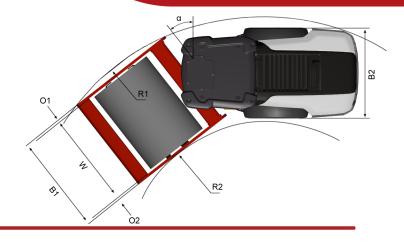
Service brake Hydrostatic in forward and reverse lever.

Parking/
Emergency brake Failsafe multidisc brake in drum gear box and in rear axle.



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# **DIMENSIONS**

### **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
O2. Overhang, left R1. Turning radius, outside	105 mm 5800 mm
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R1. Turning radius, outside	5800 mm
R1. Turning radius, outside R2. Turning radius, inside	5800 mm 3300 mm
R1. Turning radius, outside R2. Turning radius, inside S. Drum shell thickness	5800 mm 3300 mm 43 mm

### **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
- CO<sub>2</sub>-equivalent: 1,930 ton
- GWP: 1430