

### CA2500D/3.3 Single drum vibratory rollers





## **TECHNICAL DATA**

#### **MASSES**

Operating mass (incl. ROPS) 10000 kg
Operating mass (incl. Cab) 10200 kg
Module mass (front/rear) 5600/4600 kg
Max. operating mass 10400 kg

#### **DIMENSIONS**

Drum width 2130 mm

#### COMPACTION

Static linear load 26 kg/cm

Nominal amplitude (high/low) 1.8 mm/0.9 mm

Vibration frequency (high/low amplitude) 30 Hz/30 Hz

Centrifugal force (high/low amplitude) 205 kN/100 kN

#### **TRACTION**

Speed range	0 -8 km/h
Tyre size (12 ply)	550/60-22.5
Max. theoretical gradeability	51 %
Vertical oscillation	±9°

#### **ENGINE**

Manufacturer/Model Cummins QSB3.3 (IIIA/3)

Type Water cooled turbo Diesel

Rated power, SAE J1995 82 kW (110 hp ) @ 2400 rpm

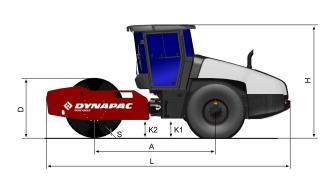
Fuel tank capacity 190 I

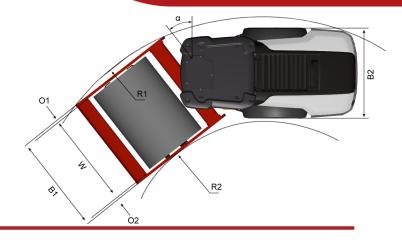
#### **HYDRAULIC SYSTEM**

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**

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A. Wheelbase	2840 mm
B1. Width, front	2300 mm
B2. Width, rear	1710 mm
D. Drum diameter	1500 mm
H. Height, with ROPS/cab	2810 mm
K1. Ground clearance	320 mm
K2. Curb clearance	430 mm
L. Length	5560 mm
O1. Overhang, right	105 mm
O2. Overhang, left	105 mm
R1. Turning radius, outside	5400 mm
R2. Turning radius, inside	3100 mm
S. Drum shell thickness	25 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
- CO<sub>2</sub>-equivalent: 1,930 ton
- GWP: 1430