

CA6500D Single drum vibratory rollers





TECHNICAL DATA

MASSES

Operating mass (incl. ROPS) 20700 kg
Operating mass (incl. Cab) 20900 kg
Module mass (front/rear) 13950 kg/6950 kg
Max. operating mass 21000 kg

DIMENSIONS

Drum width 2130 mm

COMPACTION

Static linear load 65 kg/cm

Nominal amplitude (high/low) 2.1 mm/0.8 mm

Centrifugal force (high/low amplitude) 360 kN/150 kN

Vibration frequency (high/low amplitude) 29 Hz /30 Hz

SEISMIC available (values for manual mode)

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	45 %

ENGINE

Manufacturer/Model	Cummins B4.5 (Stage V /T4final)
Туре	Water cooled turbo Diesel
Rated power, SAE J1995	149 kW (200 hp) @ 2,200 rpm
Fuel tank capacity	255
DEF tank capacity	30 I

ENGINE

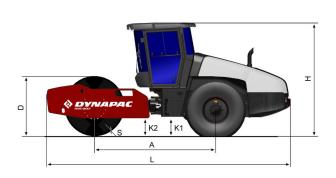
Manufacturer/Model	Deutz TCD2012L06 (IIIA/T3)
Туре	Water cooled turbo Diesel
Rated power, ISO 14396	150 kW (204 hp) @ 2200 rpm

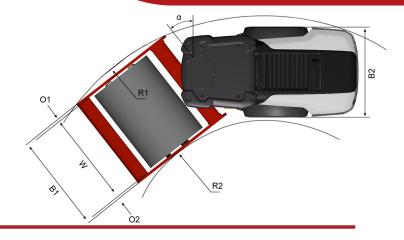
HYDRAULIC SYSTEM

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

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A. Wheelbase	3100 mm
B1. Width, front	2380 mm
B2. Width, rear	2130 mm
D. Drum diameter	1546 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	125 mm
O1. Overhang, right O2. Overhang, left	125 mm 125 mm
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O2. Overhang, left	125 mm
O2. Overhang, left R1. Turning radius, outside	125 mm 5800 mm
O2. Overhang, left R1. Turning radius, outside R2. Turning radius, inside	125 mm 5800 mm 3300 mm
O2. Overhang, left R1. Turning radius, outside R2. Turning radius, inside S. Drum shell thickness	125 mm 5800 mm 3300 mm 48 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
- CO₂-equivalent: 1,930 ton
- GWP: 1430