

Dynapac CA6500D

Single drum vibratory rollers



Technical data



Masses

Operating mass (incl. ROPS)	20 700 kg
Operating mass (incl. Cab)	20 900 kg
Module mass (front/rear)	13 950 kg/6 950 kg
Max. operating mass	21 000 kg



Dimensions

Drum width	2 130 mm
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Compaction

Static linear load	65 kg/cm
Nominal amplitude (high/low)	2,1 mm/0,8 mm
Vibration frequency (high/low amplitude)	29 Hz/30 Hz
Centrifugal force (high/low amplitude)	360 kN/150 kN



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.



Engine

Manufacturer/Model	Deutz TCD6,1L6 (IIIB/4i)
Type	Water cooled turbo Diesel
Rated power, ISO 14396	150 kW (204 hp) @ 2 200 rpm
Fuel tank capacity	272 l



Engine

Manufacturer/Model	Deutz TCD2012L06 (IIIA/3)
Type	Water cooled turbo Diesel
Rated power, ISO 14396	150 kW (204 hp) @ 2 200 rpm



Traction

Speed range (Dual/TC/AS)	4/6/7/11 km/h
Vertical oscillation	±9 °
Tyre size (12 ply)	23,1 x 26 AW
Theor. gradeability	56 %

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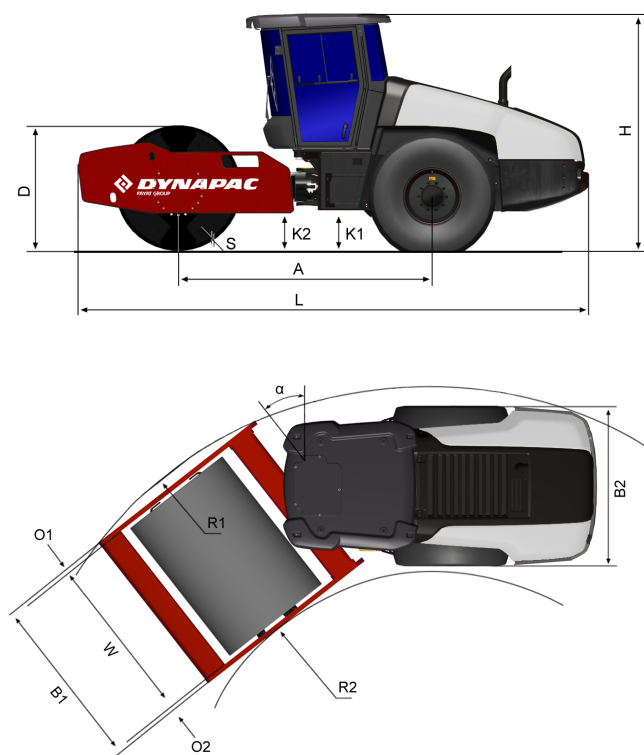
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Dimensions	
A. Wheelbase	3 100 mm
B1. Width, front	2 380 mm
B2. Width, rear	2 130 mm
D. Drum diameter	1 546 mm
H1. Height, with ROPS/cab	2 890 mm
H2. Height, w/o ROPS/cab	2 130 mm
K1. Ground clearance	450 mm
K2. Curb clearance	450 mm
L. Length	6 240 mm
O1. Overhang, right	125 mm
O2. Overhang, left	125 mm
R1. Turning radius, outside	5 800 mm
R2. Turning radius, inside	3 300 mm
S. Drum shell thickness	48 mm
W. Drum width	2 130 mm
α. Steering angle	±38°

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