

# Dynapac CA2800D

## Single drum vibratory rollers



### Technical data

 <b>Masses</b>	
Operating mass (incl. ROPS)	12,000 kg
Operating mass (incl. Cab)	12,200 kg
Module mass (front/rear)	7,600 kg/4,600 kg
Max. operating mass	13,800 kg

 <b>Dimensions</b>	
Drum width	2,130 mm

 <b>Traction</b>	
Speed range (Dual/TC/AS)	4/6/7/12 km/h
Tyre size (8 ply)	23,1 x 26 AW
Theor. gradeability	55 %
Vertical oscillation	±9°

 <b>Compaction</b>	
Static linear load	36 kg/cm
Nominal amplitude (high/low)	1.8 mm/0.9 mm
Vibration frequency (high/low amplitude)	33 Hz/34 Hz
Centrifugal force (high/low amplitude)	250 kN/130 kN

 <b>Engine</b>	
Fuel tank capacity	272 l

 <b>Engine</b>	
Manufacturer/Model	Cummins QSB4.5 (IIIA/3)
Type	Water cooled turbo Diesel
Rated power, SAE J1995	97 kW (130 hp) @ 2,200 rpm

 <b>Hydraulic system</b>	
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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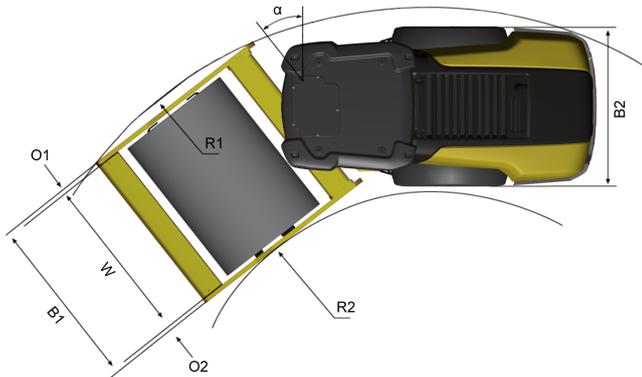
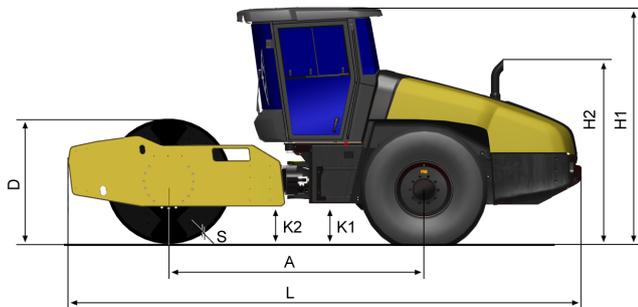
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Atlas Copco

### Technical data



Dimensions	
A. Wheelbase	2,990 mm
B1. Width, front	2,300 mm
B2. Width, rear	2,130 mm
D. Drum diameter	1,500 mm
H. Height, with ROPS/cab	2,870 mm
H1. Height, with ROPS/cab	2,870 mm
H2. Height, w/o ROPS/cab	2,130 mm
K1. Ground clearance	450 mm
K2. Curb clearance	450 mm
L. Length	5,990 mm
O1. Overhang, right	85 mm
O2. Overhang, left	85 mm
R1. Turning radius, outside	5,600 mm
R2. Turning radius, inside	3,300 mm
S. Drum shell thickness	25 mm
W. Drum width	2,130 mm
α. Steering angle	±38°



### Service and repair kits

Type of kit	P/N	Serial Number/Additional info
500h service kit	4812160172	(IIIA/T3) Service Kit non-remote engine oil filter (No, oil)
1000h service kit	4812160174	(IIIA/T3) Service Kit non-remote engine oil filter (No, oil)
2000h service kit	4812160176	(IIIA/T3) Service Kit non-remote engine oil filter (No, oil)
50h service kit	4812156993	(IIIA/T3) Service Kit non-remote engine oil filter, (Inc. oil)
500h service kit	4812160173	(IIIA/T3) Service Kit non-remote engine oil filter, (Inc. oil)
1000h service kit	4812160175	(IIIA/T3) Service Kit non-remote engine oil filter, (Inc. oil)
2000h service kit	4812160177	(IIIA/T3) Service Kit non-remote engine oil filter, (Inc. oil)
Service kit	4812160178	Start up kit Cummins QSB 4.5 (Service Kit non-remote engine oil filter)
Service kit	4812158370	Start up kit Cummins QSB 4.5 (Service Kit remote engine oil filter)

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