

CA5000D

Single drum vibratory rollers

DYNAPAC

Part of the Atlas Copco Group



Technical data



Masses

Operating mass (incl. Cab)	35,700 lbs
Module mass (front/rear)	23,600/12,100 lbs
Max. operating mass	41,200 lbs



Propulsion

Speed range	2-7 (mph)
Vertical oscillation	±9°
Tire size (12 ply)	23,1 x 26 AW
Theor. gradeability	56 %



Compaction

Static linear load	280 lbs/in
Nominal amplitude (high/low)	0.083/0.031 in
Vibration frequency (high/low amplitude)	1,740/1,800 vpm
Centrifugal force (high/low amplitude)	74,190/31,470 lb



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

Fuel tank capacity	72 gal
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Engine

Manufacturer/Model	Deutz TCD6,1L06 (T4i)
Type	Water cooled turbo diesel
Rated power, ISO 14396	129 kW (173 hp) @ 2,200 rpm

Dynapac USA

3700 East 68th Avenue, Commerce City, CO 80022 Phone: 800-732-6762 Fax: 303-288-8828

Find your local dealer at www.dynapac.us

We reserve the right to change specifications without notice. Photos and illustrations do not always show standard versions of machines.
The above information is a general description only, all informations are supplied without liability.

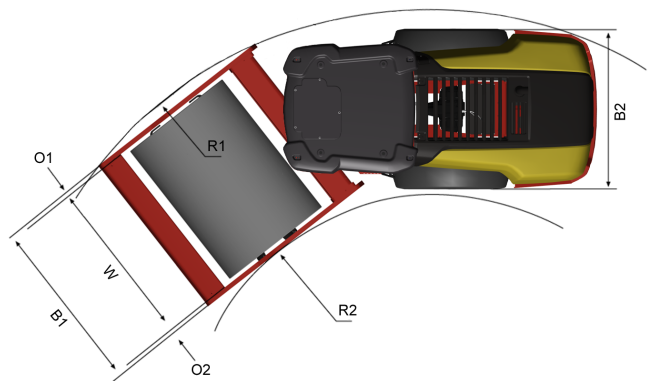
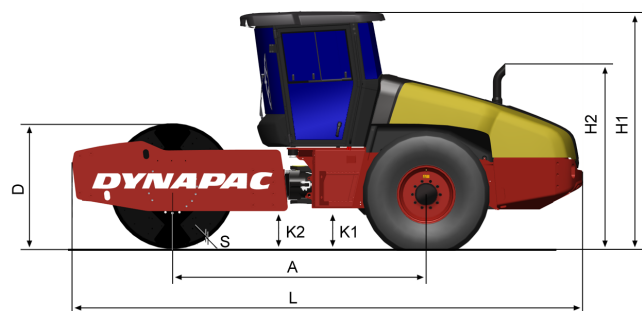
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Dimensions	
A. Wheelbase	122 in
B1. Width, front	92 in
B2. Width, rear	84 in
D. Drum diameter	60 in
H1. Height, with ROPS/cab	114 in
H2. Height, w/o ROPS/cab	84 in
K1. Ground clearance	18 in
K2. Curb clearance	18 in
L. Length	246 in
O1. Overhang, right	4 in
O2. Overhang, left	4 in
R1. Turning radius, outside	19 ft
R2. Turning radius, inside	11 ft
S. Drum shell thickness	1.69 in
W. Drum width	84 in

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Service-and repair kits

Type of kit	P/N	Serial Number/Additional info
50h service kit	4812156993 (incl. oil)	
500h service kit	4812156994	
1000h service kit	4812156995	
2000h service kit	4812158053	
500h service kit	4812157363	Incl. oil
1000h service kit	4812157277	Incl. oil
2000h service kit	4812157255	Incl. oil
Eccentric shaft kit	4812157274	
Drum rotation kit	4812157275	
Shock absorber kit	4812157276	
Steering hitch kit	4812157779	Tilt
Steering hitch kit	4812157780	Turn



Recommended fluids

Used in	Fluid Type	Volume	Additional info
Engine	Atlas Copco Engine 100	14.8 qts	Change oil every 500 hours or once per year
Drum oil	Dynapac Drum Oil 1000	5.3 qts	Change oil after first 50 hours, then every 2000 hours (yearly).
Transmission oil	Dynapac Gear Oil 300	16 liter	Change oil every 1000 hours (every 6 months)
Hydraulic system	Atlas Copco Hydraulic 300	45.4 qts	Change oil every 2000 hours (yearly)
Grease	Dynapac Roller Grease	0.9 lbs	When needed

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