

Dynapac CA2500PD HC

Single drum vibratory rollers



Technical data



Masses

Operating mass (incl. ROPS)	24,300 lbs
Operating mass (incl. Cab)	24,700 lbs
Module mass (front/rear)	14,300 lbs/10,400 lbs
Max. operating mass	26,100 lbs



Dimensions

Drum width	84 in
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Propulsion

Speed range	0 -7.5 mph
Tire size (8 ply)	23,1 x 26 TR
Theor. gradeability, forward	55 %
Theor. gradeability, reverse	55 %
Vertical oscillation	±9°
Number of pads	130
Pad area	22.6 in ²
Pad height	4 in



Compaction

Nominal amplitude (high/low)	0.079 in/0.043 in
Vibration frequency (high/low amplitude)	1,800 vpm/1,800 vpm
Centrifugal force (high/low amplitude)	58,450 lb/33,720 lb



Engine

Manufacturer/Model	Cummins QSF3.8 (IV/4final)
Type	Water cooled turbo Diesel
Rated power, SAE J1995	89 kW (120 hp) @ 2,200 rpm
Fuel tank capacity	72 gal
DEF tank capacity	5 gal



Engine

Manufacturer/Model	Cummins QSB4.5 (IIIA/3)
Type	Water cooled turbo Diesel
Rated power, SAE J1995	97 kW (130 hp) @ 2,200 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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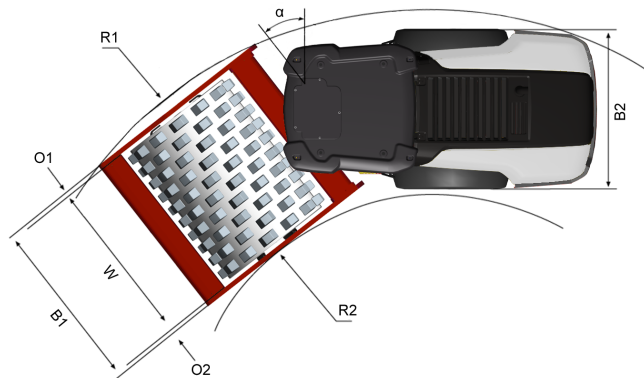
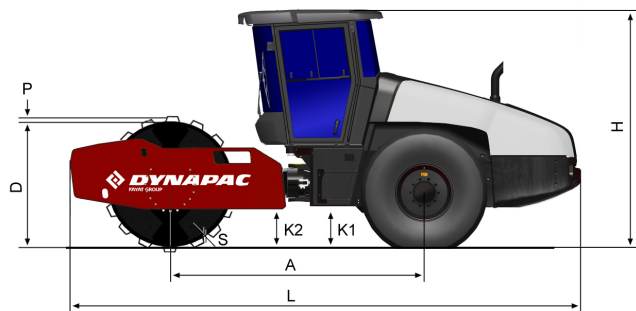
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Dimensions	
A. Wheelbase	118 in
B1. Width, front	91 in
B2. Width, rear	84 in
D. Drum diameter	59 in
H. Height, with ROPS/cab	117 in
H1. Height, with ROPS/cab	117 in
H2. Height, w/o ROPS/cab	87 in
K1. Ground clearance	18 in
K2. Curb clearance	18 in
L. Length	236 in
O1. Overhang, right	4 in
O2. Overhang, left	4 in
P. Pad height	4 in
R1. Turning radius, outside	215 in
R2. Turning radius, inside	130 in
S. Drum shell thickness	0.79 in
W. Working width	84 in
α. Steering angle	±38°



Standard equipment

- 24V outlet socket, operator's platform
- Automatic vibration control
- Back up alarm
- Brake release
- Cross Mounted Engine
- Combi cooler with Hydraulically driven fan
- Display: Engine temp, Fuel level, Hydr. temp, Speedometer, Tachometer, Voltage
- Dual speed drum drive motor
- Emergency stop
- Filler cap inside lockable hood
- Hydraulic checkpoints
- Parking brake
- Shock mounted platform
- Steering wheel, adjustable
- Suspension seat, swivelling
- Storage Compartment
- Vandal cover
- Warning lights: Air cleaner, Brake, Clogged hyd. fluid filter, Engine oil pressure/temp, Hyd oil temp, Low charge, Low fuel
- 1m X 1m Visibility
- Zero spill oil & coolant change

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