

Dynapac CA2500PD

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

Propulsion	
Speed range	0 -7,5 mph
Tire size (8 ply)	23.1 x 26 TR
Max. theoretical gradeability	57 %
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) SEISMIC available (values for manual mode)	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	67 gal
DEF tank capacity	5 gal

Engine	
Manufacturer/Model	Cummins F3.8 (V)
Type	Water cooled turbo Diesel
Rated power, SAE J1995	100 kW (135 hp) @ 2,200 rpm

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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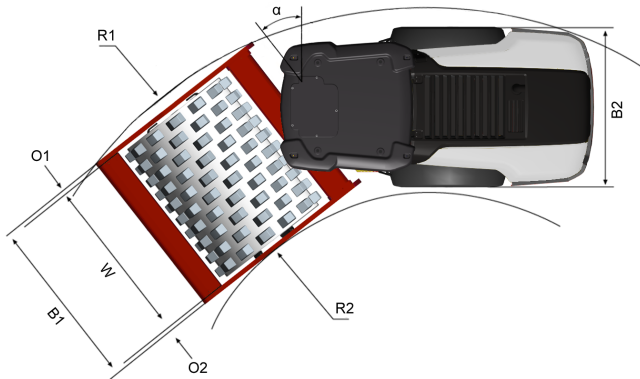
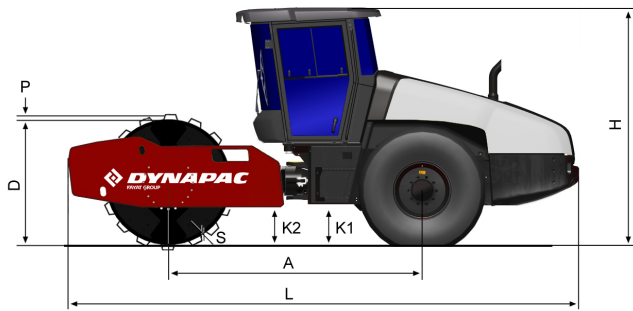
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Dimensions	
A. Wheelbase	118 in
B1. Width, front	91 in
B2. Width, rear	84 in
D. Drum diameter	59 in
H. Height, with ROPS/cab	117 in
H1. Height, with ROPS/cab	117 in
H2. Height, w/o ROPS/cab	87 in
K1. Ground clearance	18 in
K2. Curb clearance	18 in
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
- AntiSpin or Traction Control drive system
- Automatic vibration control
- Back up alarm
- Brake release
- Cab or ROPS/FOPS
- Cross Mounted Engine
- Combi cooler with Hydraulically driven fan
- Display: Engine temp, Fuel level, Hydr. temp, Speedometer, Tachometer, Voltage
- ECO mode
- Emergency stop
- Filler cap inside lockable hood
- Hydraulic checkpoints
- Parking brake
- Rear axle, No-Spin or Limited Slip
- **Seismic with Compaction Meter including Active Bouncing Control**
- 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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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

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