

CA6500PD Single drum vibratory rollers





TECHNICAL DATA

MASSES

Operating mass (incl. ROPS) 45,423 lbs
Operating mass (incl. Cab) 45,856 lbs
Module mass (front/rear) 30,500 lbs/15,300 lbs
Max. operating mass 46,300 lbs

DIMENSIONS

Drum width 84 in

COMPACTION

Nominal amplitude (high/low) 0.083 in/0.031 in

Centrifugal force (high/low amplitude) 80,940 lbs/33,720 lbs

Vibration frequency (high/low amplitude) SEISMIC available (values for manual mode) 1,740 vpm /1,800 vpm

PROPULSION

Speed range	2-7 (mph)
Vertical oscillation	±9°
Tire size (12 ply)	23.1 x 26 AW
Max. theoretical gradeability	42 %
Number of pads	130
Pad height	4 in
Pad area	22.6 in ²

ENGINE

Manufacturer/Model Cummins B4.5 (Stage V /T4final)

Type Water cooled turbo diesel

Rated power, SAE J1995 149 kW (200 hp) @ 2,200 rpm

Fuel tank capacity 67 gal

DEF tank capacity 8 gal

ENGINE

Manufacturer/Model Deutz TCD2012L06 (IIIA/3)

Type Water cooled turbo diesel

Rated power, ISO 14396 150 kW (204 hp) @ 2,200 rpm

HYDRAULIC SYSTEM

Driving Hydrostatic

Vibration Hydrostatic

Steering Hydrostatic

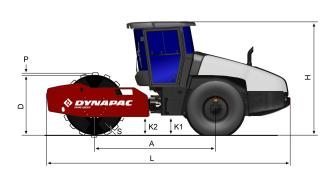
Service brake Hydrostatic in forward and reverse lever.

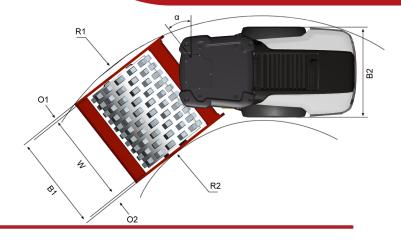
Parking/ Failsafe multidisc brake in drum gear box Emergency brake and in rear axle.

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DIMENSIONS

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A. Wheelbase	122 in
B1. Width, front	94 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	5 in
O2. Overhang, left	5 in
P. Pad height	4 in
R1. Turning radius, outside	19 ft
R2. Turning radius, inside	11 ft
S. Drum shell thickness	1.34 in
W. Working width	84 in
α. Steering angle	±38°

STANDARD EQUIPMENT

- 24V outlet socket, operator's platform
- AntiSpin drive system
- Automatic vibration control
- Back up alarm
- Brake release
- Comfort Cab
- Cross Mounted Engine
 Combi cooler with Hydraulicly driven
- 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
 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