

DYNAPAC

Part of the Atlas Copco Group

CA2500D SINGLE-DRUM SOIL COMPACTION ROLLER

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EQUIPMENT INC.

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The 26,230-pound CA2500D single-drum soil compactors features an 84 inch wide drum and two vibration frequencies: 1,740 or 2,160 vpm. It can achieve 50,565 pounds of centrifugal force.

Standard 130-horsepower Cummins QSB4.5 engine, vibration-isolated operator's platform, two-speed drive system, and a maintenance-free articulation joint. The CA2500D has a centralized hydraulic test station and comes with a two-year, 2,000-hour parts and labor warranty.



ENGINE

Engine / Model	Cummins QSB4.5
Cooling	Water
Displacement	359 cu. in.
Fuel consumption	4.4 US gal./h
Fuel capacity	72 gal

OPERATING DATA

Operating weight	26,235 lb	Theoretical gradeability, forward	60%	
Weight front	12,345 lb	Brakes-front drum/rear axle	disc/disc	
Static applied linear drum load	164 lb/in	Max compaction depth	39.4"	
Weight, rear	10,362 lb	Vibration	Stage 1	Stage 2
Articulation/oscillation	35/15 degrees	Frequency	1740 vpm	2160 vpm
Turning radius-inside	11'10"	Amplitude	0.063 in	0.024 in
Curb clearance	19.5"	Centrifugal force	50565 lbf	29440 lbf
Drum shell thickness	1.0"	Centrifugal force / drum width	611 lbf/in	356 lbf/in
Travel speed - 1st range	0 - 4.8 mph	Total applied force	64125 lb	43000 lb
- 2nd range	0 - 7.9 mph	Total applied linear force	775 lb	520 lb

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