

Dynapac CA1300D: Smooth drum roller made for narrow spaces and small applications.


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Product information

The Dynapac CA1300D is a vibratory roller designed for compaction operations in pipe trenches, on road shoulders and in cramped spaces in connection with refilling work. The roller is also suitable for repair work on dams, power stations, parking lots and airfields.

Features & benefits

- Easy maintenance
- Welded frames
- Superior compaction performance

Technical description

[Technical datasheet Dynapac CA1300D - Download](#)

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Technical data

Units: [Metric](#) [Imperial](#)

Technical Specifications	
Model type	D - Smooth drum
Masses	
Operating mass, incl. ROPS	10031.02 lb
Module mass, front	3968.32 lb
Module mass, rear	6062.7 lb
Max. operating mass	12125.41 lb
Dimensions	
Drum width	53 29/32 inch
Traction	
Speed	---
Vertical oscillation	±9°
Tyre size (8 ply)	12,5 x 20
Theoretical gradeability	55 %
Compaction	

Static linear load	28.66 lb
Nominal amplitude	0.07 inch
Vibration frequency	35 Hz
Centrifugal force	-
Engine	
Engine brand / model	Kubota V 3307 CR-TE4
Power rating	55 kW (75 hp) at 2200 rpm
Hydraulic system	
Driving	Axial piston pump with variable displacement. Axial piston motor with variable displacement. Axial piston motor with constant displacement.
Vibration	Gear pump/ motor with constant displacement
Steering	Gear pump with constant displacement
Service brake	Hydrostatic in forward and reverse lever
Parking/ Emergency brake	Failsafe multidisc brake in rear axle and front drum motor.
Capacities	
Fuel tank capacity	30.91 gal