

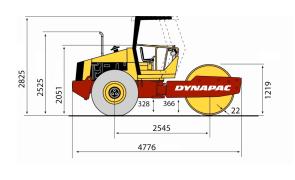
Part of the Atlas Copco Group

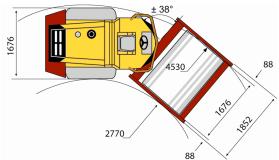
CA150

Single drum vibratory rollers



Technical data





Masses	CA150
Max. operating mass	18,739.39 lbs
Operating mass (incl. ROPS)	15,432.44 lbs
Front module mass	7,716.22 lbs
Rear module mass	7,716.22 lbs
Traction	
Speed range (km/ h)	0 - 7,5
Vertical oscillation	±9
Tyre size (8 ply)	14,9x24
Theor. gradeability	40
Compaction	
Static linear load	117.02 lbs/ in
Nominal amplitude, high	1.70 mm
Nominal amplitude, low	0.80 mm
Vibration frequency, at high amplitude	31 Hz
Vibration frequency, at low amplitude	43 Hz
Centrifugal force, at high amplitude	114 kN
Centrifugal force, at low amplitude	109 kN
Engine	
Manufacturer	Cummins
Туре	Water cooled turbo Diesel with After Cooler
Rated power	60 kW
Rated power	80 hp
Rated power @	2,200 rpm
Rated power (rating standard)	SAE J1995
Fuel tank capacity	49.49 gal

Driving

Hydraulic system

Vibration

Steering Service brake

Parking/ Emergency brake

Axial piston pump with variable displacement
Axial piston motor with constant displacement.
Radial piston motor with constant displacement (D, PD).
Axial piston pump with variable displacement.
Axial piston motors (2) with constant displacement.
Gear pump with constant displacement.
Hydrostatic in forward and reverse lever.

Failsafe multidisc brake in rear axle.