

Dynapac CA35D

Single drum vibratory rollers



Technical data



Masses

Operating mass (incl. ROPS)	12200 kg
Operating mass (incl. Cab)	12300 kg
Operating mass (incl. Canopy)	12100 kg
Module mass (front/rear)	7400/4900 kg
Max. operating mass	12400 kg



Dimensions

Drum width	2130 mm
Drum shell thickness	30 mm



Traction

Speed range: Single Speed/Dual Speed/Traction Control	- /7 /11 km/h
Tyre size (8 ply)	23.1 x 26 TL
Max. gradeability: Single Speed/Dual Speed/Traction Control	- /40 /43 %
Vertical oscillation	±9°



Compaction

Static linear load	35 kg/cm
Nominal amplitude (high/low)	1.7/0.8 mm
Vibration frequency (high/low amplitude)	33/33 Hz
Centrifugal force (high/low amplitude)	250/123 kN



Engine

Manufacturer/Model	Cummins QSF3.8 (IIIA/T3)
Type	Water cooled turbo Diesel
Rated power, SAE J1995	97 kW (130 hp) @ 2500 rpm
Fuel tank capacity	280 l
Electrical system	12 V



Engine

Manufacturer/Model	Cummins 4BT3.9-102C (I/T1)
Type	Water cooled Diesel
Rated power, SAE J1995	76 kW (102 hp) @ 2300 rpm
Fuel tank capacity	280 l
Electrical system	12 V



Hydraulic system

Driving	Hydrostatic
Vibration	Hydrostatic
Steering	Hydrostatic
Service brake	Hydrostatic in forward and reverse lever.
Parking/ Emergency brake	Failsafe multidisc brake in rear axle and front drum motor.

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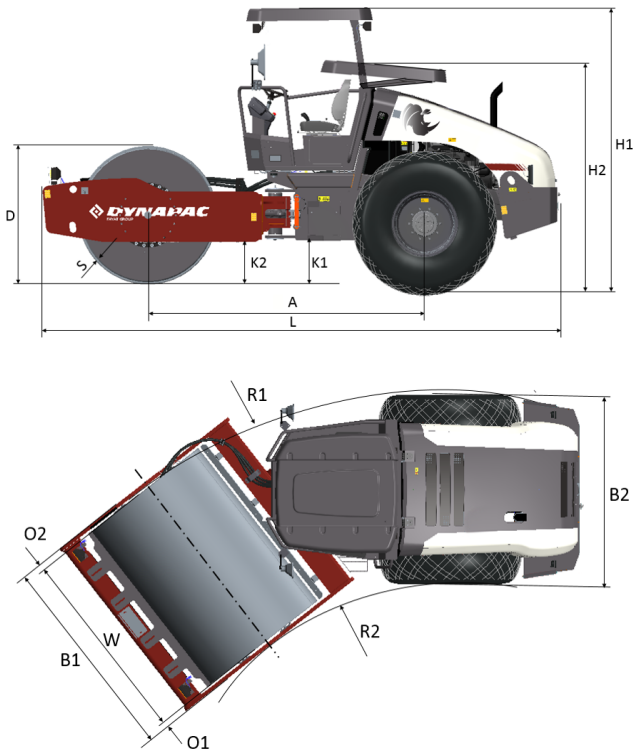
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Dimensions	
A. Wheelbase	2990 mm
B1. Width, front	2276 mm
B2. Width, rear	2130 mm
D. Drum diameter	1510 mm
H1. Height, with ROPS/cab	2890 mm
H2. Height, w/o ROPS/cab	2400 mm
K1. Ground clearance	460 mm
K2. Curb clearance	460 mm
L. Length	5560 mm
O1. Overhang, right	73 mm
O2. Overhang, left	73 mm
R1. Turning radius, outside	5660 mm
R2. Turning radius, inside	3245 mm
S. Drum shell thickness	30 mm
W. Drum width	2130 mm
α. Steering angle	±38°



Standard equipment

12 V outlet (IIIA/T3 only); Amplitude, dual; AVC, Automatic Vibration Control; Back-up alarm; Battery switch; Brake release; Emergency stop; Filler caps lockable; Fuel level gauge; Fuel tank drainage; Hood, lockable; Horn; Hour meter; Hydraulic check-points; Interlock; Lifting points; Neutral start arrangement; Operator's platform, vibration dampened; Operator's seat, adjustable forward&reverse; Operator's station, fixed; Parking brake; Rear axle Limited slip (Single & Dual Speed); Rear axle No-spin (Traction Control); Scraper, fixed steel, smooth (high mounted); Seat belt 2", (not Open Platform); Service indicators/warnings; Storage box on operator's platform; Tie-down points; Tool boxes, integrated in fenders; User's instructions, one set; Vandal cover (over instrument panel); Vibration quick-stop



Optional equipment

50 hours Service kit; Compaction Meter (CMV), with tilt & gradeability indicator; Extra set of user's instruction; First aid box; Lights, driving, left hand traffic; Lights, driving, right hand traffic; Lights, working, LED; Operator's seat, adjustable comfort; Operator's station, rotating; Radio with MP3 (Cab); Rear view mirrors, traffic view; Remote monitoring, Dyn@Link; Rotating beacon; Scrapers (dual), fixed steel, smooth (low mounted); Scrapers (dual), flexible, smooth (low mounted); Scrapers, fixed steel, pads; Speedometer including pass counter; Tool set

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