

Dynapac CC1000 Plus

Double drum vibratory rollers

Atlas Copco



Technical data



Masses

Max. operating mass	3,900 lbs
Operating mass (incl. ROPS)	3,700 lbs
Module mass (front/rear)	1,700/2,000 lbs



Propulsion

Speed range	0-6 mp/h
Vertical oscillation	±13°
Theor. gradeability	40 %



Compaction

Centrifugal force	3,800 lb
Nominal amplitude	0.014 in
Static linear load (front/rear)	44/50 lbs/in
Vibration frequency	4,200 vpm
Water tank	50 gal



Engine

Manufacturer/Model	Kubota D1105-E4B T4f
Type	Water cooled diesel
Rated power, SAE J1995	24 hp @ 2,800 rpm
Fuel tank capacity	6 gal



Engine

Manufacturer/Model	Perkins 403D-11
Type	Water cooled diesel
Rated power, SAE J1995	23.5 hp @ 2,600 rpm



Hydraulic system

Driving	Axial piston pump with variable displacement and servo. 2 radial piston motors with constant displacement.
Vibration	Gear pump/motors with constant displacement.
Steering	Gear pump with constant displacement.
Service brake	Hydrostatic in forward and reverse lever.
Parking/Emergency brake	Failsafe brake in both drums.

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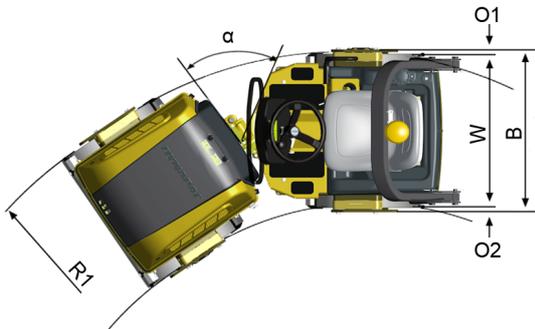
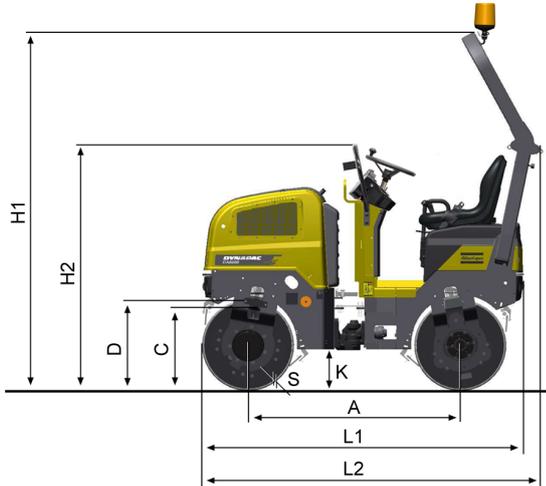
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Dimensions

A. Wheelbase	53 in
B. Width	42 in
C. Curb clearance	18 in
D. Drum diameter	23 in
H2. Height, w/o ROPS/cab	62 in
K. Ground clearance	10 in
L1. Length	80 in
L2. Length (ROPS)	82 in
O1. Overhang, right	1 in
O2. Overhang, left	1 in
R1. Turning radius, outside	108 in
S. Drum shell thickness	0.5 in
W. Drum width	39 in
α . Steering angle	$\pm 34^\circ$



Equipment package

CC Plus Package	Included	Optional
Backup alarm	■	
CE sign	■	
Comfort seat	■	
Cup/can holder	■	
Driving lights, right or left handed		■
Dual forward/reverse control		■
Foldable ROPS incl. 3" seat belt	■	
Large Watertank, 50 gal	■	
Rotating beacon	■	
Rotating beacon, ignition controlled		■
Spring loaded scrapers		■
Sprinkler timer	■	
Vibr. shut off, front or rear drum	■	
Working lights	■	



Standard equipment

Auto Vibration Ctrl (AVC), Auto Water Ctrl (AWC), Back up alarm, Central lifting eye, Cup/Can holder, Emergency stop, Foldable ROPS, Fuel gauge, Horn, Hourmeter, Hydraulic pressure checkpoints, Ignition key, Interlock brake, Pressurized sprinkler system, Rubber mounted operator's platform, Seat belt, Sprinkler timer, Towing eyelet front/rear, Vibration both drums, Warning lights; Brake -Charging -Engine oil pressure/water temp -Low fuel



Optional equipment

Biodegradable hydraulic fluid, Cert. fire protection (SBF 127), Decal risk location (GOST), Fire extinguisher, Hearing protectors, Licence plate light, Rear view mirror (traffic view), Service kit 50/500/1000 h, Side direction lights (driving lights required), Slow moving vehicle sign, Special color (one or two), Tool set, Water tank cover (lockable)

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