

Dynapac CC1300

Double drum vibratory rollers



Technical data



Masses

Max. operating mass	4030 kg
Operating mass (incl. ROPS)	3900 kg
Module mass (front/rear)	1900 kg/2000 kg



Compaction

Centrifugal force	33 kN (V2203) /36 kN (D1803)
Nominal amplitude	0.5 mm
Static linear load (front/rear)	14.5/15.4 kg/cm
Vibration frequency	52 Hz (V2203) /53 Hz (D1803)
Water tank	200 l



Hydraulic system

Driving	Axial piston pump with variable displacement. Radial piston motors (2) 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 multidisc brake in both drums.



Engine

Manufacturer/Model	Kubota V2203-M (IIIA)
Type	Water cooled
Rated power, SAE J1995	33 kW (44 hp) @ 2600 rpm
Fuel tank capacity	50 l



Engine

Manufacturer/Model	Kubota D1803-CR-TE4B (T4f)
Type	Water cooled
Rated power, SAE J1995	37 kW (49 hp) @ 2700 rpm
Fuel tank capacity	50 l



Traction

Speed range	0-10 km/h
Vertical oscillation	±10°
Theor. gradeability	37 %

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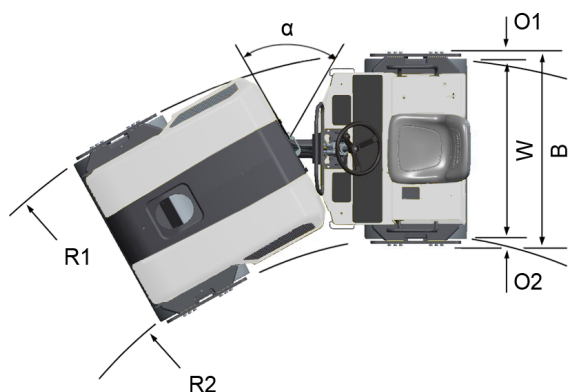
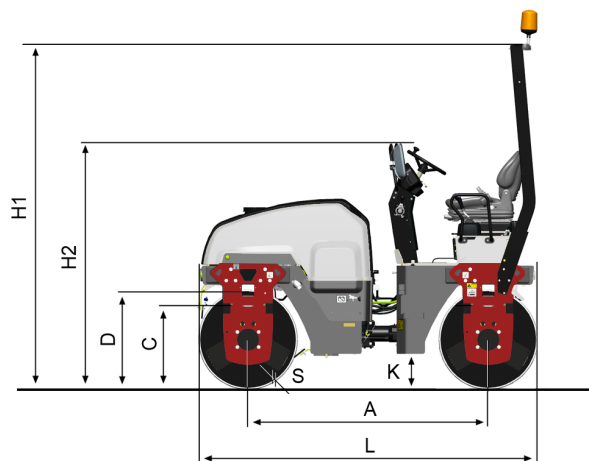
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Dimensions	
A. Wheelbase	1925 mm
B. Width	1450 mm
C. Curb clearance	600 mm
D. Drum diameter	802 mm
H1. Height, with ROPS/cab	2750 mm
H2. Height, w/o ROPS/cab	1855 mm
K. Ground clearance	260 mm
L. Length	2725 mm
O1. Overhang, right	50 mm
O2. Overhang, left	50 mm
R1. Turning radius, outside	4240 mm
R2. Turning radius, inside	2940 mm
S. Drum shell thickness	16 mm
W. Drum width	1300 mm
α. Steering angle	±30°



Standard equipment

Backup alarm, Working lights



Optional equipment

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

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