

Dynapac CC1400C VI

Combi rollers



Technical data



Masses

Max. operating mass	4800 kg
Operating mass (incl. ROPS)	3900 kg
Module mass (front/rear)	2080 kg/1820 kg



Compaction

Wheel load	455 kg/wheel
Static linear load	15.1 kg/cm
Water tank	298 l
Emulsion tank	25 l



Compaction (Single amplitude)

Centrifugal force	43/35 kN
Nominal amplitude	0.5 mm
Vibration frequency	54/49 Hz



Compaction (Dual amplitude)

Centrifugal force (high/low amplitude)	43/22 kN
Nominal amplitude (high/low)	0.5/0.2 mm
Vibration frequency	54/61 Hz



Traction

Speed range	0-9 km/h
Vertical oscillation	±10°
Max. theoretical gradeability	39 %



Engine

Manufacturer/Model	Kubota V2203-M (IIIA)
Type	Water cooled diesel engine
Rated power, SAE J1995	35 kW (48 hp) @ 2700 rpm
Fuel tank capacity	60 l



Engine

Manufacturer/Model	Kubota V2403-CR E4B (T4)
Type	Water cooled diesel engine
Rated power, SAE J1995	37 kW (50 hp) @ 2700 rpm



Engine

Manufacturer/Model	Kubota V2403-CR E5B (StageV)
Type	Water cooled diesel engine
Rated power, SAE J1995	37 kW (50 hp) @ 2700 rpm



Hydraulic system

Driving	Axial piston pump with variable displacement. Radial piston motors 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 on drum and wheels

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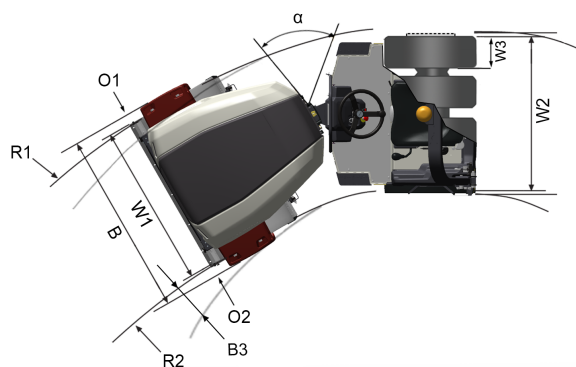
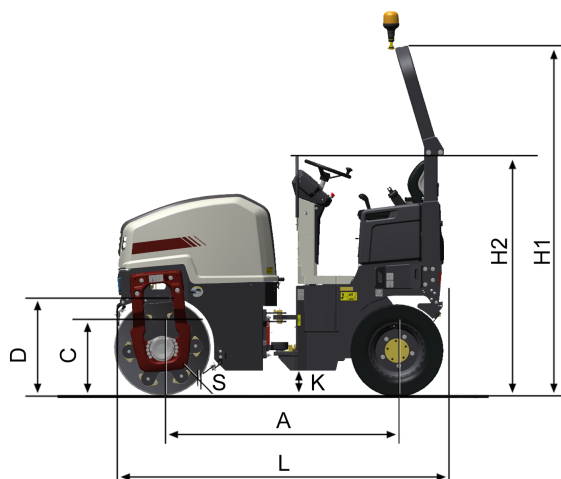
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Dimensions	
A. Wheelbase	1970 mm
B. Width	1505 mm
B3. Width, offset	50 mm
C. Curb clearance	690 mm
D. Drum diameter	882 mm
H1. Height, with ROPS/cab	2855 mm
H2. Height, w/o ROPS/cab	2025 mm
K. Ground clearance	190 mm
L. Length	2830 mm
O. Off-set	50 mm
O1. Overhang, right	62.5 mm
O2. Overhang, left	62.5 mm
R1. Turning radius, outside	4370 mm
R2. Turning radius, inside	2990 mm
S. Drum shell thickness	17 mm
W1. Drum width	1380 mm
W2. Width, wheel module	1282 mm
W3. Width, tyre	285 mm
α . Steering angle	$\pm 30^\circ$

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