

Dynapac CC1100C VI

Combi rollers



Technical data



Masses

Max. operating mass	6,600 lbs
Operating mass (incl. ROPS)	4,900 lbs
Module mass (front/rear)	2,500 lbs/2,400 lbs



Compaction

Wheel load	268 kg/wheel
Tire type (smooth)	640x240-15.6
Centrifugal force	29/25 kN
Nominal amplitude	0.020 in
Static linear load	60 lbs/in
Vibration frequency	66/61 Hz
Water tank	49 gal
Emulsion tank	5.28 gal



Hydraulic system

Driving	Axial piston pump with variable displacement. 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 multidisc brake on drum and wheels.



Engine

Manufacturer/Model	Kubota D1703-M (IIIA/T4i)
Type	Water cooled
Rated power, SAE J1995	35.0 hp @ 2,800 rpm
Fuel tank capacity	12 gal



Engine

Manufacturer/Model	Kubota D1703-DI (T4f)
Type	Water cooled
Rated power, SAE J1995	18.5 kW (25 hp) @ 2,200 rpm



Engine

Manufacturer/Model	Kubota D1803-CR (T4f)
Type	Water cooled
Rated power, SAE J1995	28 kW (37.5 hp) @ 2,700 rpm



Propulsion

Speed range	0-10 km/h
Vertical oscillation	±10°
Theor. gradeability	71 %

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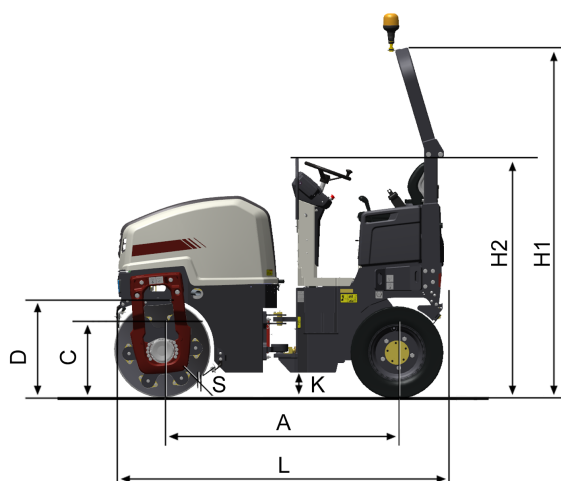
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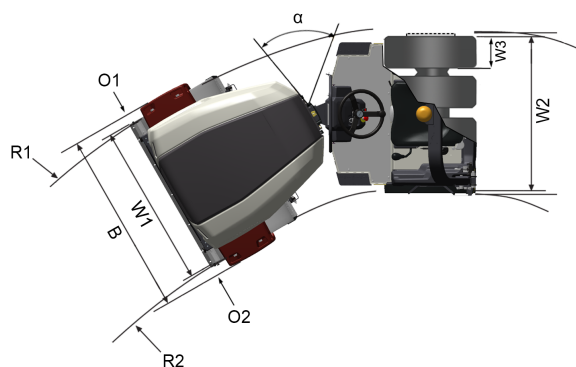
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Dimensions	
A. Wheelbase	67 in
B. Width	53 in
C. Curb clearance	22 in
D. Drum diameter	28 in
H1. Height, with ROPS	100 in
H2. Height, w/o ROPS/cab	69 in
K. Ground clearance	7 in
L. Length	94 in
O1. Overhang, right	3 in
O2. Overhang, left	3 in
R1. Turning radius, outside	12 ft
R2. Turning radius, inside	9 ft
S. Drum shell thickness	0.5 in
W1. Drum width	42 in
W2. Width, wheel module	40.94 in
W3. Width, tire	233 mm
α . Steering angle	$\pm 30^\circ$



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