

Dynapac CC900

Double drum vibratory rollers



Technical data



Masses

Max. operating mass	1665 kg
Operating mass (incl. ROPS)	1600 kg
Module mass (front/rear)	750 kg/850 kg



Compaction

Centrifugal force	17 kN
Nominal amplitude	0.4 mm
Static linear load (front/rear)	8.3/9.4 kg/cm
Vibration frequency	70 Hz
Water tank	110 l



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.



Engine

Manufacturer/Model	Kubota D1105-E4B T4f
Type	Water cooled diesel
Rated power, SAE J1995	18 kW (24 hp) @ 2800 rpm
Fuel tank capacity	23 l



Traction

Speed range (Dual/TC/AS)	0-9 km/h
Vertical oscillation	±13°
Theor. gradeability	40 %

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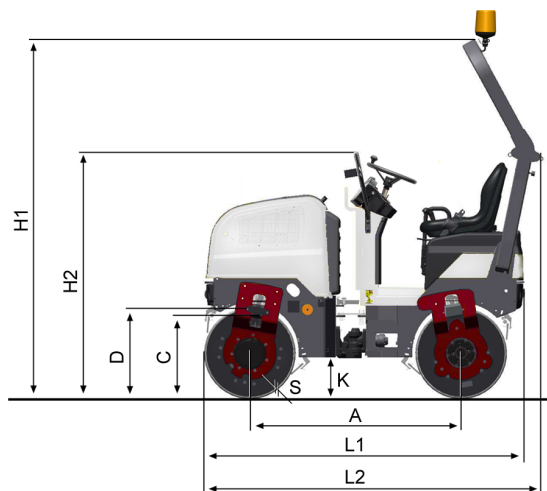
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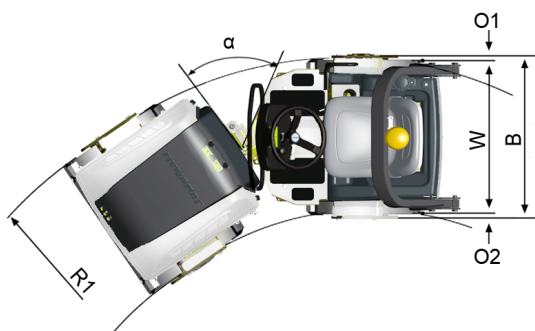
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Dimensions	
A. Wheelbase	1350 mm
B. Width	970 mm
C. Curb clearance	465 mm
D. Drum diameter	584 mm
H1. Height, with ROPS/cab	2300 mm
H2. Height, w/o ROPS/cab	1585 mm
K. Ground clearance	255 mm
L1. Length	2040 mm
L2. Length (ROPS)	2095 mm
O1. Overhang, right	35 mm
O2. Overhang, left	35 mm
R1. Turning radius, outside	2810 mm
S. Drum shell thickness	13 mm
W. Drum width	900 mm
α . Steering angle	$\pm 34^\circ$



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