

Dynapac CC900S

Double drum vibratory rollers

Atlas Copco



Technical data



Masses

Max. operating mass	3,800 lbs
Operating mass (incl. ROPS)	3,600 lbs
Module mass (front/rear)	1,700/1,900 lbs



Propulsion

Speed range	0-9
Vertical oscillation	±13°
Theor. gradeability	50 %



Compaction

Static linear load (front/rear)	49/53 lbs/in
Water tank	30 gal
Centrifugal force, front	2,500 lb
Centrifugal force, rear	3,800 lb
Nominal amplitude, front	0.012 in
Nominal amplitude, rear	0.01 in
Vibration frequency, front	3,360 vpm
Vibration frequency, rear	4,200 vpm



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



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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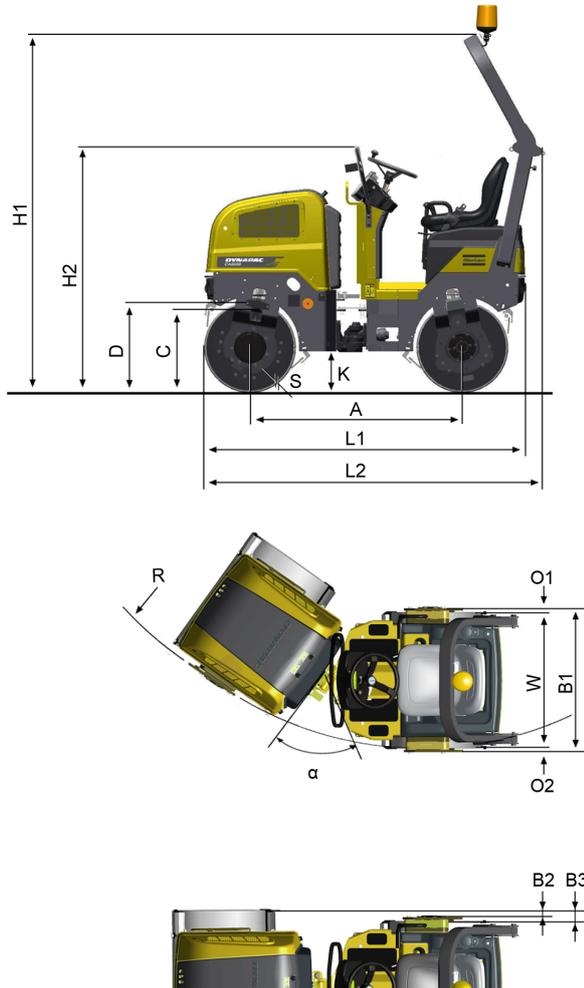
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Dimensions	
A. Wheelbase	53 in
B1. Width	38 in
B2. Width, protrude	1 in
B3. Width, overlap	152 in
C. Curb clearance	23 in
D. Drum diameter	23 in
H1. Height, with ROPS/cab	91 in
H2. Height, w/o ROPS/cab	62 in
K. Ground clearance	10 in
L1. Length	80 in
L2. Length (ROPS)	100 in
O1. Overhang, right	1.4 in
O2. Overhang, left	1.4 in
R. Turning radius, outside	101 in
S. Drum shell thickness	0.5 in
W. Drum width	35 in
α . Steering angle	$\pm 32^\circ$

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