

CA385D Single drum vibratory rollers



TECHNICAL DATA

MASSES

Operating mass (incl. Canopy) 13000 kg
Module mass (front/rear) 8300 kg/4700 kg
Max. operating mass 13000 kg

COMPACTION

Static linear load 39.0 kg/cm

Nominal amplitude (high/low) 1.7 mm/0.8 mm

Vibration frequency (high/low amplitude) 33 Hz/33 Hz

Centrifugal force (high/low amplitude) 300 kN/146 kN

TRACTION

Speed range 0-6 km/h Tyre size (8 ply) 23.1 x 26 Max. theoretical gradeability 40 % Vertical oscillation \pm 9°

ENGINE

Type Water Cooled Turbo Charged + Intercooler

Kirloskar 4R1040TA3

77.2 kW (105 hp) @ 2200 rpm

Rated power, SAE J1995
Fuel tank capacity

brake

Manufacturer/Model

uel tank capacity 250 I

HYDRAULIC SYSTEM

Driving Hydrostatic
Vibration Hydrostatic
Steering Hydrostatic
Service brake Hydrostatic in forward and reverse lever.

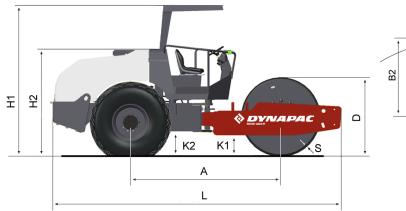
Parking/
Emergency Failsafe multidisc brake in rear axle and front drum motor.

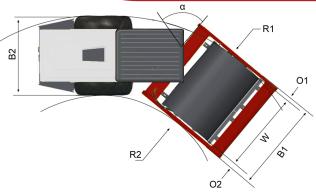
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DIMENSIONS

A. Wheelbase	2879 mm
B1. Width, front	2384 mm
B2. Width, rear	2130 mm
D. Drum diameter	1543 mm
H1. Height, with canopy	2977 mm
H2. Height, w/o canopy	2190 mm
K1. Ground clearance	400 mm
K2. Curb clearance	453 mm
L. Length	5550 mm
O1. Overhang, right	127 mm
O2. Overhang, left	127 mm
R1. Turning radius, outside	5400 mm
R2. Turning radius, inside	3100 mm
S. Drum shell thickness	35 mm
W. Drum width	2130 mm
α. Steering angle	±38°