

CA405D Single drum vibratory rollers



TECHNICAL DATA

MASSES

Operating mass (incl. ROPS) 13,840 kg
Operating mass (incl. Cab) 13,960 kg
Module mass (front/rear) 8580/5260 kg (ROPS)
Max. operating mass 13,960 kg

COMPACTION

Static linear load 40.3 kg/cm

Nominal amplitude (high/low) 1.7/0.8 mm

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

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

TRACTION

 Speed range
 4.4/6.2/6.3/10.8 kmph

 Tyre size (8 ply)
 23.1-26 TL

 Vertical oscillation
 ±9°

 Max. gradeability
 50 %

HYDRAULIC SYSTEM

Driving Hydrostatic
Vibration Hydrostatic
Steering Hydrostatic
Service brake Hydrostatic in forward and reverse lever.
Parking/Emergency brake Failsafe multidisc brake in rear axle and front drum motor.

ENGINE

Manufacturer/Model Cummins

Type Water cooled

Rated power, SAE J1995 121 HP @ 2200 rpm

Fuel tank capacity 280 I

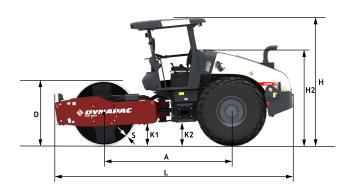
Emission stage CEV-V

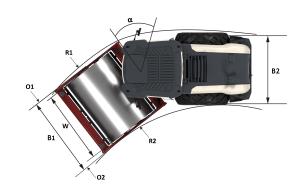
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DIMENSIONS

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A. Wheelbase	2990 mm
B1. Width, front	2300 mm
B2. Width, rear	2130 mm
D. Drum diameter	1543 mm
H1. Height, with ROPS/cab	2977 mm
K1. Ground clearance	520 mm
K2. Curb clearance	460 mm
L. Length	5600 mm
O1. Overhang, right	87 mm
O2. Overhang, left	87 mm
R1. Turning radius, outside	5515 mm
R2. Turning radius, inside	3385 mm
S. Drum shell thickness	35 mm
W. Drum width	2130 mm
α. Steering angle	±38°

STANDARD EQUIPMENT

- Adjustable seat Back up alarm
- Dual amplitudes
- Dual speed rear axle & Drum
- Driving lights
- Working lights
- Emergency stop
- Hour meter
- Lockable instrument panel cover Rear view mirrors(External &
- Internal)
- Safety belt
- USB mobile charger
- Mobile holder ■ Water bottle holder
- Horn
- Front scraper(Bottom)■ Rear Scraper(Bottom)

OPTIONAL EQUIPMENT

- Compaction meter Field kit■ Dyn@link Basic field kit■ Dyn@link Basic factory fitted

- Rotating beacon field kit
- Rotating beacon factory fitted
- Fender -Field kit

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