

### CA610PD

# Single drum vibratory rollers



### **TECHNICAL DATA**

#### **MASSES**

Operating mass (incl. ROPS) 20700 kg

Module mass (front/rear) 14050 kg/6650 kg

Max. operating mass 21000 kg

#### COMPACTION

Nominal amplitude (high/low)

1.8 mm/1.1 mm

Vibration frequency (high/low amplitude)

29 Hz/31 Hz

Centrifugal force (high/low amplitude)

317 kN/231 kN

#### TRACTION

 $\begin{array}{lll} \text{Speed range (Dual/TC/AS)} & \text{0-11 km/h} \\ \text{Tyre size (8 ply)} & \text{23.1x26} \\ \text{Max. theoretical gradeability} & \text{43 \%} \\ \text{Vertical oscillation} & & \pm 9^{\circ} \end{array}$ 

#### **ENGINE**

Manufacturer/Model Cummins 6BTAA5.9-C170 (Tier 2)

Type Water cooled turbo Diesel

Rated power, SAE J1995 127 kW (170 hp ) @ 2200 rpm

Fuel tank capacity 320 l

#### **ENGINE**

Manufacturer/Model Cummins QSB6.7-C173 (Tier 3)

Type Water cooled turbo Diesel

Rated power, SAE J1995 129 kW (173 hp ) @ 2200 rpm

#### **HYDRAULIC SYSTEM**

Driving

Axial piston pump with variable displacement. Axial piston motors with constant displacement.

Axial piston pump with variable displacement. Axial piston pump with variable displacement. Axial piston motors with constant displacement.

Steering

Gear pump with constant displacem.

Hydrostatic in forward and reverse lever.

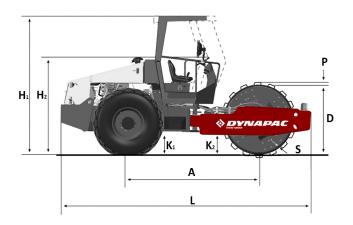
Parking/
Emergency brake

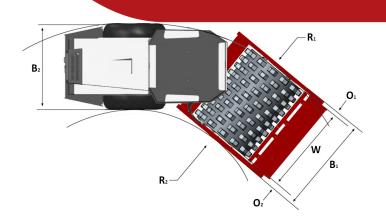
Failsafe multidisc brake in drum gear box and in rear axle.



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# **TECHNICAL DATA**

#### **DIMENSIONS**

A. Wheelbase	2992 mm
B1. Width, front	2400 mm
B2. Width, rear	2130 mm
D. Drum diameter	1543 mm
H1. Height, with ROPS/cab	3000 mm
H2. Height, w/o ROPS/cab	2238 mm
K1. Ground clearance	450 mm
K2. Curb clearance	460 mm
L. Length	6180 mm
O1. Overhang, right	115 mm
O2. Overhang, left	135 mm
P. Pad height	100 mm
R1. Turning radius, outside	5400 mm
R2. Turning radius, inside	3200 mm
S. Drum shell thickness	35 mm
W. Drum width	2130 mm
α. Steering angle	±38°