

## CA55PD Rhino Single drum vibratory rollers



# **TECHNICAL DATA**

## **MASSES**

Operating mass (incl. Cab)	18,120 Kg
Operating mass (incl. ROPS)	17,980 Kg
Module mass front /rear (incl. Cab)	11,920 Kg /6,200 Kg
Moudle mass front /rear (incl. ROPS)	11,920 Kg /6,060 Kg
Max mass (incl. Cab)	18,170 Kg
Max mass (incl. ROPS)	18,170 Kg

#### **COMPACTION**

Nominal amplitude (high/low)	1.8/1.1 mm
Vibration frequency (high/low amplitude)	30/31 Hz
Centrifugal force (high/low amplitude)	339/231 KN

#### **TRACTION**

Speed range	0-11 km/h
Tyre size	23.1x26
Max. theoretical gradeability	50 %
Vertical oscillation	±9°

#### **HYDRAULIC SYSTEM**

Driving	Axial piston pump with variable displacement. Axial piston motors with variable displacement.
Vibration	Axial piston pump with variable displacement. Axial piston motors with constant displacement.
Steering	Gear pump with constant displacement.
Service brake	Hydrostatic in forward and reverse lever.
Parking/ Emergency	Failsafe multidisc brake in drum gear box and in rear axle.

## **ENGINE**

Manufacturer/Model	CUMMINS 6BTAA5.9 II/T2
Туре	Water cooled turbo Diesel
Rated power, SAE J1995	153 kW (205 hp ) @ 2200rpm
Fuel tank capacity	320 I

## **ENGINE**

Manufacturer/Model	CUMMINS QSB5.9 IIIA/T3
Туре	Water cooled turbo Diesel
Rated power, SAE J1995	154 kW (207hp ) @ 2400 rpm

#### **ENGINE**

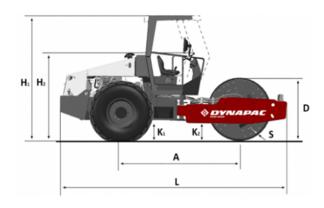
Manufacturer/Model	CUMMINS B5.9 CSIV
Туре	Water cooled turbo Diesel
Rated power, SAE J1995	154 kW (207hp ) @ 2200 rpm

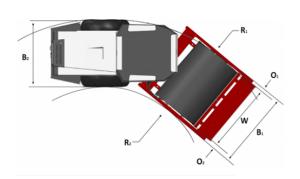
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# **DIMENSIONS**

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A. Wheelbase	3,100 mm
B1. Width, front	2,360 mm
B2. Width, rear	2,130 mm
D. Drum diameter	1,573 mm
H1. Height, with ROPS/cab	2,900 mm
H2. Height, w/o ROPS/cab	2,145 mm
K1. Ground clearance	470 mm
K2. Curb clearance	500 mm
L. Length	6,236 mm
O1. Overhang, right	100 mm
O2. Overhang, left	130 mm
P. Pad height	100 mm
R1. Turning radius, outside	5,630 mm
R2. Turning radius, inside	3,500 mm
S. Drum shell thickness	50 mm
W. Drum width	2,130 mm
α. Steering angle	±38°

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