

CA55D Rhino Single drum vibratory rollers



TECHNICAL DATA

MASSES

Operating mass (incl. Cab)	18,300 Kg
Operating mass (incl. ROPS)	18,160 Kg
Module mass front /rear (incl. Cab)	12,100 Kg /6,200 Kg
Moudle mass front /rear (incl. ROPS)	12,100 Kg /6,060 Kg
Max mass (incl. Cab)	19,800 Kg
Max mass (incl. ROPS)	19,800 Kg

COMPACTION

Static linear load	56.8 kg/cm
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 brake	Failsafe multidisc brake in drum gear box and in rear axle.

ENGINE

ENGINE

Manufacturer/Model
Туре
Rated power, SAE J1995

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Manufacturer/Model		
Туре		
Rated power, SAE J1995		

CUMMINS 6BTAA5.9 II/T2 Water cooled turbo Diesel 153 kW (205 hp) @ 2200rpm 320 I

CUMMINS QSB5.9 IIIA/T3 Water cooled turbo Diesel 154 kW (207hp) @ 2400 rpm

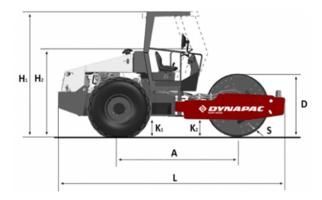
CUMMINS B5.9 CSIV Water cooled turbo Diesel 154 kW (207hp) @ 2200 rpm

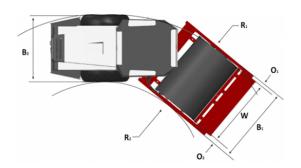
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DIMENSIONS

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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	130 mm
O2. Overhang, left	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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