CA70PD Rhino

Single drum vibratory rollers

TECHNICAL DATA

MASSES

Operating mass (incl. ROPS)	21,980 Kg
Operating mass (incl. Cab)	22,120 Kg
Max mass (incl. ROPS)	22,170 Kg
Max mass (incl. Cab)	22,170 Kg
Moudle mass front /rear (incl. ROPS)	14,620 Kg /7,360 Kg
Module mass front /rear (incl. Cab)	14,620 Kg /7,500 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 (Traction Control)	4/5/6/11 km/h
Tyre size	23.1x26
Max. theoretical gradeability, traction control	35 %
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

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

ENGINE

Manufacturer /Model	CUMMINS QSB5.9 IIIA/T3
Type	Water cooled turbo Diesel
Rated power, SAE J1995	154 kW (207hp) @ 2400 rpm
Fuel tank capacity	320 l

ENGINE

Manufacturer /Model	CUMMINS B5.9 CSIV
Type	Water cooled turbo Diesel
Rated power, SAE J1995	154 kW (207hp) @ 2200 rpm
Fuel tank capacity	320 l

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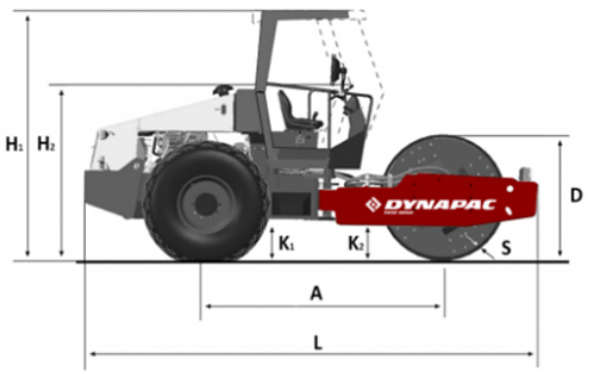

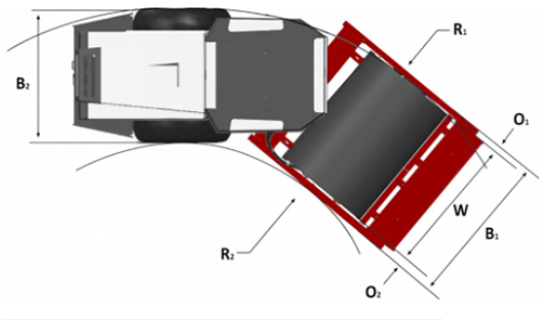

DIMENSIONS

DIMENSIONS

A. Wheelbase	3,100 mm
B1. Width, front	2,440 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°

STANDARD EQUIPMENT

- Dual Amplitude
- Automatic Vibration Control
- Seat interlock
- Neutral start arrangement
- Emergency Stop
- Parking Brake
- Brake release in case of break-down
- Locking mechanism for the hood
- Horn
- Back-up alarm
- Hour meter
- Failure warnings
- Filler caps
- Fuel drain hose
- Hydraulic check-points
- Scrapers (fixed steel smooth) for D-machine
- Scrapers (pad scrapers) for PD-machine
- Lifting points
- Tie-down points
- Toolboxes
- Tool set
- User instructions, one set

OPTIONAL EQUIPMENT

- Dynapac Compaction meter, DCM
- Dynapac Bouncing Indicator, DBI
- Rear axle w anti-spin
- Dyn@link Basic
- Driving lights, RH traffic

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