CA35D Rhino

Single drum vibratory roller



DYNAPAC
FAYAT GROUP

TECHNICAL DATA



Engineered for Excellence

- Reduce 50% less energy required at vibration start-up with Efficency Eccentrics
- Transform your smooth drum roller to a pad foot roller in less then 4 hours
- Traction control with 4 manual gears
- The seat swivels 60° right for better flexibility and visibility
- Easy access to all service points and checkpoints

Options

	Standard	Option
Back-up Alarm, tonal	✓	
Cup Holder	✓	
Dual Amplitudes	✓	
External Mirrors	✓	
No Spin Rear Axle	✓	
Tinted safety glass (CAB only)	✓	
USB / Mobile charger	✓	
Vibration Dampened Platform	✓	
Working Lights LED	✓	
60° Rotatable Operator Seat	✓	
12 V outlet	✓	
Back-up Camera		✓
Bolt-on Padfoot shell, incl. PD-scrapers		✓
Compaction meter (CMV)		✓
Driving Lights		✓
Dual Speed or Manual Traction Control		✓
Dyn@link Basic		✓
Radio with MP3/USB/Bluetooth		✓
Rotating Beacon		✓
Scrapers, fixed or flexible		✓

We reserve the right to change specifications without notice. Photos and illustrations do not always show standard versions of machines.The above information is a general description only. All information are supplied without liability. This document was generated in March 2025.

Technical Data

Masses

Operating mass (incl. ROPS)	12200 kg	
Operating mass (incl. Cab)	12300 kg	
Operating mass (incl. Canopy)	12100 kg	
Module mass (front/rear) (Cab)	7350 kg	4950 kg
Max. operating mass	12400 kg	

Compaction

Static linear load	35 kg/cm	
Nominal amplitude (high/low)	1.7 mm	0.8 mm
Vibration frequency (high/low amplitude)	33 Hz	33Hz
Centrifugal force (high/low amplitude)	250 kN	123 kN

Traction

Speed range	0–8 km/h Dual Speed 0–11 km/h Traction Control
Tyre size (8 ply)	23.1 x 26
Vertical oscillation	±9º
Theoretical gradeability	42% Dual speed 46% Traction Control

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 F3.8 (Stage V)
Type	Water cooled turbo diesel
Rated power, SAE J1995	100 kW (150 hp) @ 2,200 rpm
Fuel tank capacity	280 l
DEF tank capacity	27 l

Engine

Manufacturer/Model	Cummins QSF3.8 (IIIA/T3)
Type	Water cooled turbo diesel
Rated power, SAE J1995	97 kW (130 hp) @ 2,500 rpm
Fuel tank capacity	280 l

Engine

Manufacturer/Model	Cummins 4BT3.9-102C (I/T1)
Type	Water cooled diesel
Rated power, SAE J1995	76 kW (102 hp) @ 2,300 rpm
Fuel tank capacity	280 l



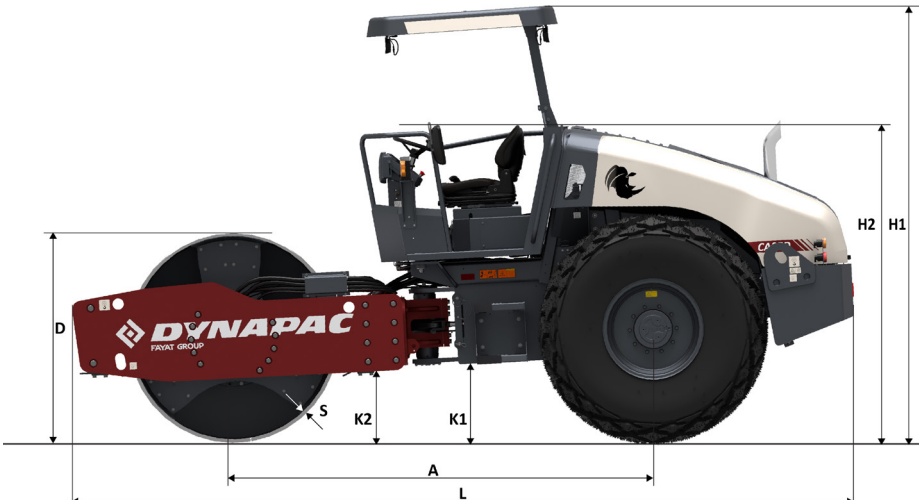
Platform configurations

	Canopy	ROPS	CAB/ROPS
Operator’s station	Fixed	Fixed or rotating	
Operator’s seat	Seat adjustment (forward reverse)		
Seat belt	-	2” with buzzer	
Rear view mirrors	Traffic		Traffic & internal
Floor mat	Anti slip		Noise absorbing 10 mm
Panel Cover	Yes		-
Charger socket	12 V + USB A		
Working lights	LED		
Interior light	-	-	Yes
Rotating beacon	Option		
Heating System	-	-	Option
Air Condition	-	-	Yes
Wipers	-	-	Front / rear
Windows	-	-	Tinted safety glass
Cup & Can Holder	Yes		
Inner roof	-	-	Noise Absorbing
Hooks	-	-	Yes
Entertainment	-	-	FM/AM radio with MP3/USB and Bluetooth (option)

Dimensions

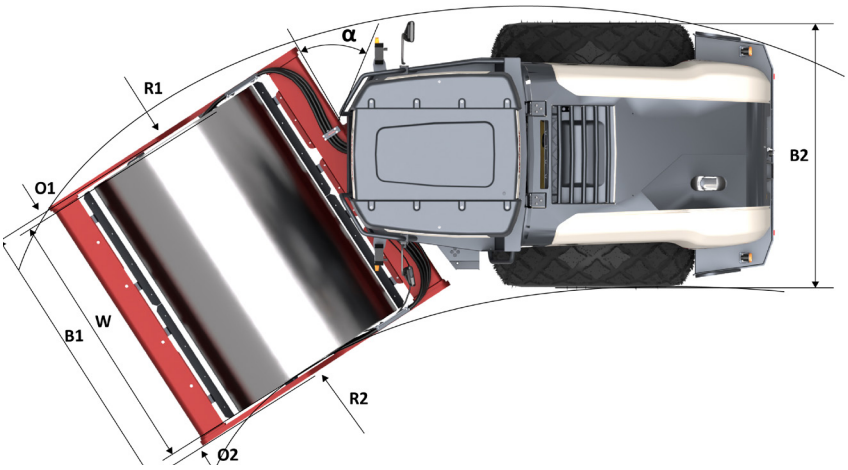
SIDE VIEW

A	2990 mm	Wheelbase
D	1510 mm	Drum diameter
H1	2890 mm	Height, with ROPS/Cab
H2	2400 mm	Height, w/o ROPS/Cab
K1	460 mm	Ground clearance
K2	460 mm	Curb clearance
L	5560 mm	Length
S	30 mm	Drum shell thickness



TOP VIEW

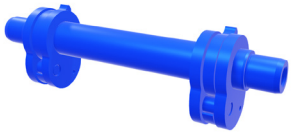
B1	2276 mm	Width, front
B2	2130 mm	Width, rear
O1	73 mm	Overhang, right
O2	73 mm	Overhang, left
R1	5660 mm	Turning radius, outside
R2	3245 mm	Turning radius, inside
W	2130 mm	Drum width
a	±38° mm	Steering angle



Highlights

Efficency Eccentrics

With Dynapac's patented Efficiency Eccentrics, your machine reduces the energy required at vibration start-up by 50%. This innovative design is optimized to enhance performance while minimizing energy consumption. By lowering start-up energy, the system also reduces wear and tear on your machine, resulting in lower operating costs over time.



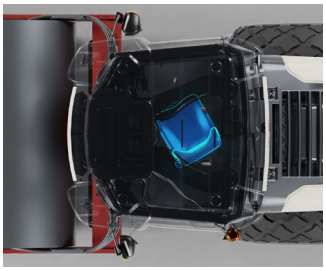
Dyn@Link

Dyn@Link allows you to track your machine and view its location on the map in the online portal. The system helps optimize fleet usage, reduce maintenance costs, and save time and money. With the system, you can monitor machine location, check the machine status, receive service alerts/reminders, track machine hours, and set up geo-fencing.



Swivel Seat

Experience enhanced comfort with a seat that swivels 60° to the right, increasing positional flexibility to improve visibility and ergonomics. This adjustment reduces stress on the body and neck during reverse operations, ensuring a more comfortable and efficient work experience.



Serviceability

All service points and checkpoints are easy accessible. The hydraulic pumps are aligned with the engine, making them fully accessible for maintenance. Additionally, all filters and oils/fluids are within easy reach.



Turning Radius

Excellent turning radius makes maneuvering easy in challaging conditionstions.

3245
Millimeters

Operator Safety

To increase safety and enhance jobsite confidence, multiple features are available. These include a backup alarm, parking brake, emergency stop, working/transport mode, interlock seat, neutral start arrangement, and all-around visibility. These features are further enhanced by the optional bouncing indicator and reversing camera. Together, they create an environment where operators can work comfortably and efficiently, safeguarding both the operators and the machine.

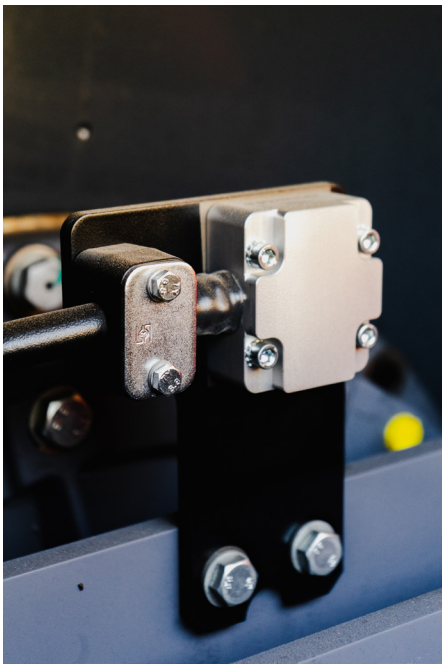


Traction Control

The machines can be equipped with traction control for superior grip and stability. Four manual gears and a no-spin differential in the rear axle enhance traction and control. An intuitive user interface ensures ease of operation. These features are standard for Stage V models, meeting the latest emissions regulations.

Dynapac Compaction Meter

An option that provides real-time stiffness measurements to ensure optimal compaction. It presents a unique value, CMV, for the operator, securing the compaction result and ensuring homogeneity without organic material in the lower layers. It localizes weak areas and indicates when the material is fully compacted, saving fuel by avoiding unnecessary runs. The Compaction Meter also alerts the operator if the machine begins bouncing, known as ABC, Active Bouncing Control.



Questions?
We’re Happy to Help

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