CA30D Rhino

Single Drum Rollers



DYNAPAC
FAYAT GROUP

TECHNICAL DATA

Technical data

Compaction

Centrifugal force, high amplitude	250 kN
Centrifugal force, low amplitude	123 kN
Nominal amplitude, High	1.8 mm
Nominal amplitude, Low	0.9 mm
Static linear load	30 kg/cm
Vibration, high amplitude	33 Hz
Vibration, low amplitude	33 Hz

Hydraulic system

Driving	Hydrostatic.
Parking/emergency brake	Failsafe multidisc brake in rear axle and front drum motor.
Service brake	Hydrostatic in forward and reverse lever.
Steering	Hydrostatic.

Drum

Drum width	2,130 mm

Weights

Front module weight	6,270 kg
Max operating weight	12,900 kg
Rear module weight	4,930 kg

Fluids

Fuel tank	280 l
Hydraulic tank	55 l
Hydraulic, oil in system	80 l

Standards and certifications

Guaranteed Sound power level, LwA	111 dB

Tyre

Number of tyres	2
Tyre type	All weather

Steering

Steering Angle	38 °
Turning Radius, inside	3,255 mm
Turning Radius, outside	5,650 mm

Theoretical gradeability

Traction Control	44 %

Traction

Vertical oscillation	9 °

Engine

Emission	Stage IIIA/Tier 3
Manufacturer	Cummins
Model	QSF3.8
Rated power	97 kW (130 hp) @ 2,500 rpm
Rated power according to standard	SAE J1995
Type	Water cooled turbo diesel

Engine

Emission	Stage I/Tier 1
Manufacturer	Cummins
Model	4BT3.9-102C
Rated power	76 kW (102 hp) @ 2,300 rpm
Rated power according to standard	SAE J1995
Type	Water cooled turbo diesel

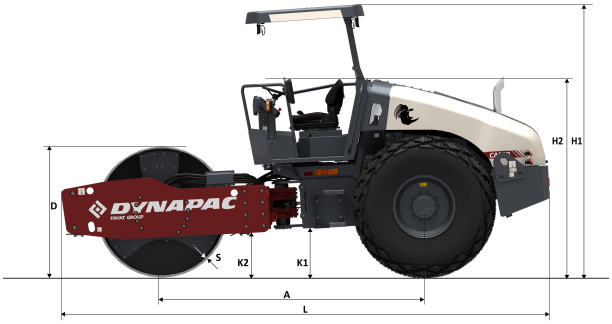
Engine

Emission	Stage V/Tier 4f
Manufacturer	Cummins
Model	F3.8
Rated power	100 kW (135 hp) @ 2,200 rpm
Rated power according to standard	SAE J1995
Type	Water cooled turbo diesel

Dimensions

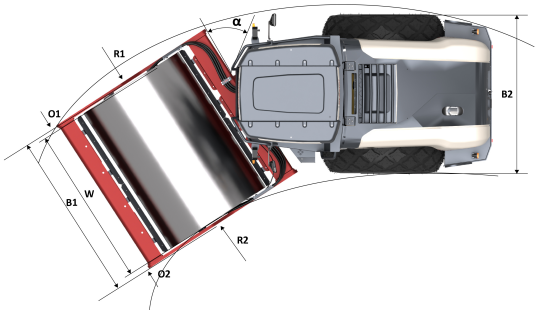
SIDE VIEW

A	2,990 mm	Wheelbase
D	1,498 mm	Drum Diameter
H1	2,890 mm	Height
K1	460 mm	Ground clearance
K2	460 mm	Curb Clearance
L	5,560 mm	Length
S	25 mm	Drum shell thickness



TOP VIEW

O1	63 mm	Overhang, right
O2	63 mm	Overhang, left
R1	5,650 mm	Turning Radius, outside
R2	3,255 mm	Turning Radius, inside
W	2,130 mm	Drum width
α	38 °	Steering Angle



Questions?

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