CA3500D

Single Drum Rollers



DYNAPAC
FAYAT GROUP

TECHNICAL DATA

Technical data

Theoretical gradeability

Antispin	73 %
Traction Control	58 %

Compaction

Centrifugal force, high amplitude	280 kN
Centrifugal force, low amplitude	170 kN
Nominal amplitude, High	1.9 mm
Nominal amplitude, Low	0.9 mm
Static linear load	36 kg/cm
Vibration, high amplitude	31 Hz
Vibration, low amplitude	34 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	7,600 kg
Max operating weight	13,800 kg
Rear module weight	4,500 kg

Fluids

Fuel tank	255 l
Hydraulic tank	41 l
Hydraulic, oil in system	80 l

Standards and certifications

Guaranteed Sound power level, LwA	105 dB

Tyre

Number of tyres	2
Tyre type	All weather

Steering

Steering Angle	38 °
Turning Radius, inside	3,296 mm
Turning Radius, outside	5,426 mm

Traction

Vertical oscillation	9 °

Engine

Emission	Stage IIIA/Tier 3
Manufacturer	Cummins
Model	QSB4.5
Rated power	97 kW (130 hp) @ 2,200 rpm
Rated power according to standard	SAE J1995
Type	Water cooled turbo diesel

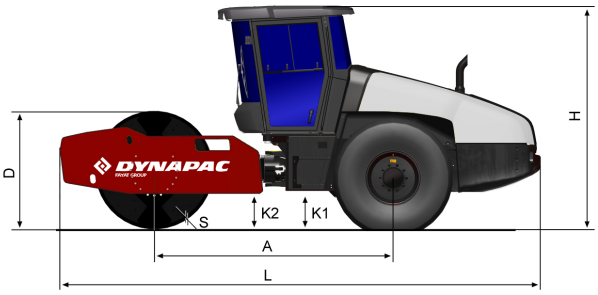
Engine

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

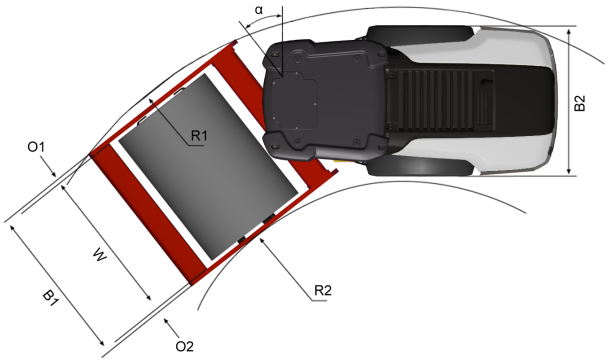
SIDE VIEW

A	2,990 mm	Wheelbase
D	1,518 mm	Drum Diameter
H1	2,881 mm	Height
K1	450 mm	Ground clearance
K2	450 mm	Curb Clearance
L	5,995 mm	Length
S	34 mm	Drum shell thickness



TOP VIEW

O1	87 mm	Overhang, right
O2	107 mm	Overhang, left
R1	5,426 mm	Turning Radius, outside
R2	3,296 mm	Turning Radius, inside
W	2,130 mm	Drum width
α	38 °	Steering Angle



Questions?

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