CA5000D

Single Drum Rollers



DYNAPAC
FAYAT GROUP

TECHNICAL DATA

Technical data

Theoretical gradeability

Antispin	49 %
Traction Control	47 %

Compaction

Centrifugal force, high amplitude	330 kN
Centrifugal force, low amplitude	140 kN
Nominal amplitude, High	2.1 mm
Nominal amplitude, Low	0.8 mm
Static linear load	50 kg/cm
Vibration, high amplitude	29 Hz
Vibration, low amplitude	30 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	10,700 kg
Max operating weight	18,700 kg
Rear module weight	5,500 kg

Fluids

Fuel tank	255 l
Hydraulic tank	41 l
Hydraulic, oil in system	84 l

Standards and certifications

Guaranteed Sound power level, LwA	104 dB

Tyre

Number of tyres	2
Tyre type	All weather

Steering

Steering Angle	38 °
Turning Radius, inside	3,437 mm
Turning Radius, outside	5,567 mm

Traction

Vertical oscillation	9 °

Engine

Emission	Stage IIIA/Tier 3
Manufacturer	Deutz
Model	TCD2012L06
Rated power	128 kW (174 hp) @ 2,200 rpm
Rated power according to standard	SAE J1995
Type	Water cooled turbo diesel

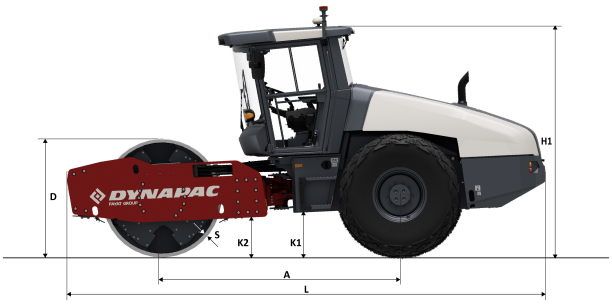
Engine

Emission	Stage V/Tier 4f
Manufacturer	Cummins
Model	B4.5
Rated power	149 kW (200 hp) @ 2,200 rpm
Rated power according to standard	SAE J1995
Type	Water cooled turbo diesel

Dimensions

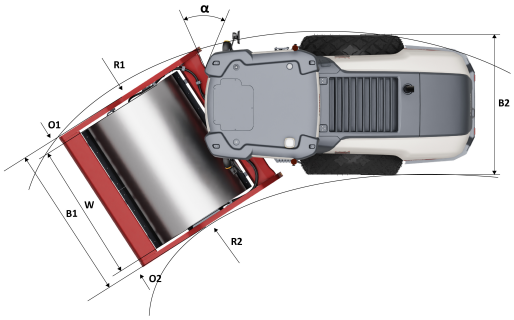
SIDE VIEW

A	3,100 mm	Wheelbase
D	1,536 mm	Drum Diameter
H1	2,888 mm	Height
K1	450 mm	Ground clearance
K2	450 mm	Curb Clearance
L	6,241 mm	Length
S	43 mm	Drum shell thickness



TOP VIEW

B1	2,340 mm	Width, front
B2	2,130 mm	Width, rear
O1	105 mm	Overhang, right
O2	107 mm	Overhang, left
R1	5,567 mm	Turning Radius, outside
R2	3,437 mm	Turning Radius, inside
W	2,130 mm	Drum width
α	38 °	Steering Angle



Questions?

We're happy to help

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