CA1500D

Single Drum Rollers



DYNAPAC
FAYAT GROUP

TECHNICAL DATA

Technical data

Theoretical gradeability

Antispin	118 %
Traction Control	43 %

Compaction

Centrifugal force, high amplitude	133 kN
Centrifugal force, low amplitude	72 kN
Nominal amplitude, High	1.8 mm
Nominal amplitude, Low	0.8 mm
Static linear load	21 kg/cm
Vibration, high amplitude	32 Hz
Vibration, low amplitude	36 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	1,676 mm

Weights

Front module weight	3,600 kg
Max operating weight	8,500 kg
Rear module weight	3,600 kg

Fluids

Fuel tank	190 l
Hydraulic tank	41 l
Hydraulic, oil in system	80 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	3,087 mm
Turning Radius, outside	4,763 mm

Traction

Vertical oscillation	9 °

Engine

Emission	Stage V
Manufacturer	Deutz
Model	TD3.6
Rated power	55 kW (75 hp) @ 2,200 rpm
Rated power according to standard	SAE J1995
Type	Water cooled turbo diesel

Engine

Emission	Stage IIIB/Tier 4f
Manufacturer	Deutz
Model	TD3.6
Rated power	55 kW (75 hp) @ 2,200 rpm
Rated power according to standard	SAE J1995
Type	Water cooled turbo diesel

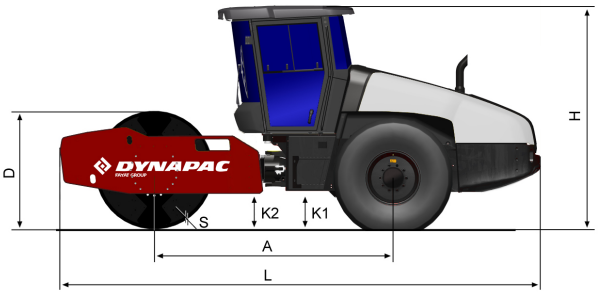
Engine

Emission	Stage IIIA/Tier 3
Manufacturer	Cummins
Model	QSB3.3
Rated power	82 kW (110 hp) @ 2,200 rpm
Rated power according to standard	SAE J1995
Type	Water cooled turbo diesel

Dimensions

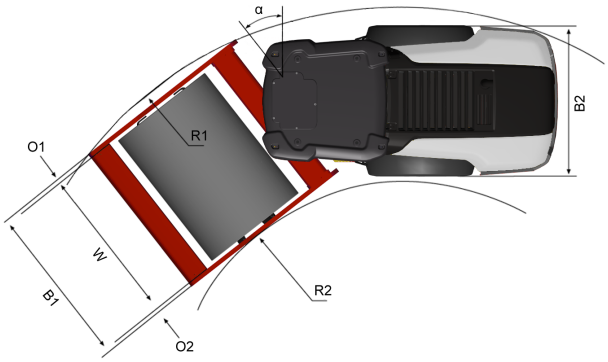
SIDE VIEW

A	2,690 mm	Wheelbase
D	1,219 mm	Drum Diameter
H1	2,731 mm	Height
K1	320 mm	Ground clearance
K2	360 mm	Curb Clearance
L	5,276 mm	Length
S	22 mm	Drum shell thickness



TOP VIEW

B1	1,866 mm	Width, front
B2	1,707 mm	Width, rear
O1	95 mm	Overhang, right
O2	95 mm	Overhang, left
R1	4,763 mm	Turning Radius, outside
R2	3,087 mm	Turning Radius, inside
W	1,676 mm	Drum width
α	38 °	Steering Angle



Questions?

We're happy to help

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