CA1500D

Single Drum Rollers



DYNAPAC
FAYAT GROUP

TECHNICAL DATA

Technical data

Theoretical gradeability

Antispin	118 %
Traction Control	43 %

Compaction

Centrifugal force, high amplitude	29,900 lbf
Centrifugal force, low amplitude	16,186 lbf
Nominal amplitude, High	0.0709 in
Nominal amplitude, Low	0.031 in
Static linear load	18 lb/in
Vibration, high amplitude	1,920 vpm
Vibration, low amplitude	2,160 vpm

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	66 in

Weights

Front module weight	7,937 lb
Max operating weight	18,739 lb
Rear module weight	7,937 lb

Fluids

Fuel tank	50 US gal
Hydraulic tank	11 US gal
Hydraulic, oil in system	21 US gal

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	122 in
Turning Radius, outside	188 in

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

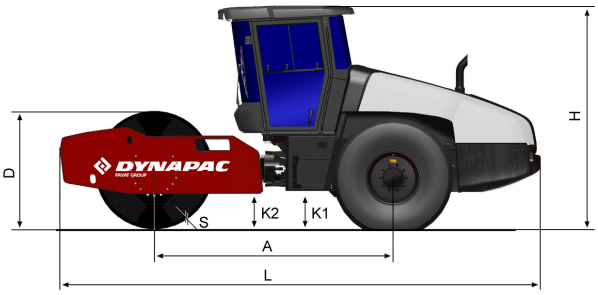
Engine

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

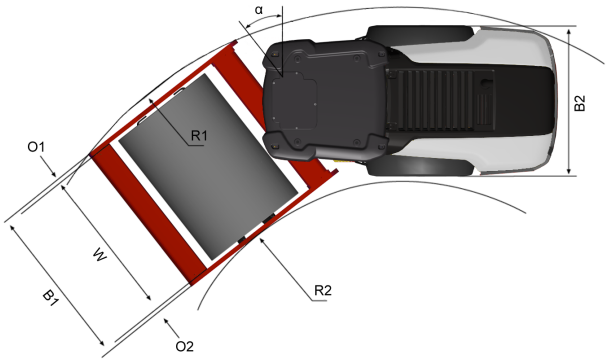
SIDE VIEW

A	106 in	Wheelbase
D	48 in	Drum Diameter
H1	108 in	Height
K1	13 in	Ground clearance
K2	14 in	Curb Clearance
L	208 in	Length
S	1 in	Drum shell thickness



TOP VIEW

B1	73 in	Width, front
B2	67 in	Width, rear
O1	4 in	Overhang, right
O2	4 in	Overhang, left
R1	188 in	Turning Radius, outside
R2	122 in	Turning Radius, inside
W	66 in	Drum width
α	38 °	Steering Angle



Questions?

We're happy to help

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