CA3500D

Single Drum Rollers



DYNAPAC
FAYAT GROUP

TECHNICAL DATA

Technical data

Theoretical gradeability

Antispin	73 %
Traction Control	58 %

Compaction

Centrifugal force, high amplitude	62,947 lbf
Centrifugal force, low amplitude	38,218 lbf
Nominal amplitude, High	0.0748 in
Nominal amplitude, Low	0.035 in
Static linear load	31 lb/in
Vibration, high amplitude	1,860 vpm
Vibration, low amplitude	2,040 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	84 in

Weights

Front module weight	16,755 lb
Max operating weight	30,424 lb
Rear module weight	9,921 lb

Fluids

Fuel tank	67 US gal
Hydraulic tank	11 US gal
Hydraulic, oil in system	21 US gal

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	130 in
Turning Radius, outside	214 in

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

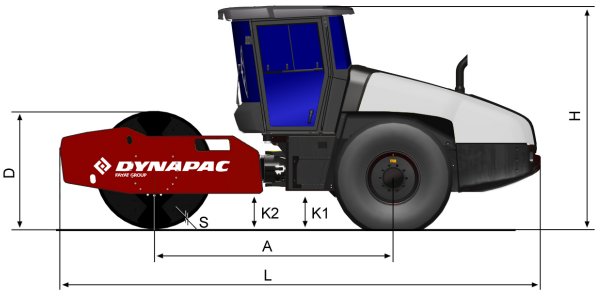
Engine

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

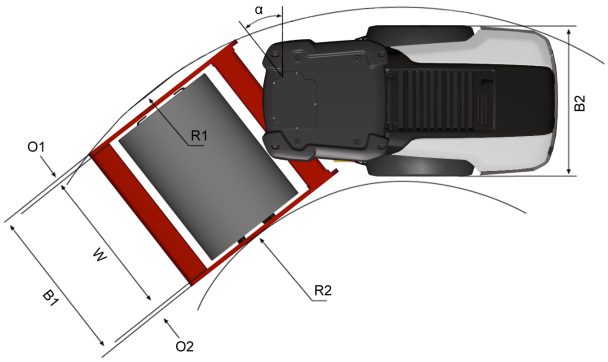
SIDE VIEW

A	118 in	Wheelbase
D	60 in	Drum Diameter
H1	113 in	Height
K1	18 in	Ground clearance
K2	18 in	Curb Clearance
L	236 in	Length
S	1 in	Drum shell thickness



TOP VIEW

O1	3 in	Overhang, right
O2	4 in	Overhang, left
R1	214 in	Turning Radius, outside
R2	130 in	Turning Radius, inside
W	84 in	Drum width
α	38 °	Steering Angle



Questions?

We're happy to help

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