CA5500PD

Single Drum Rollers



DYNAPAC
FAYAT GROUP

TECHNICAL DATA

Technical data

Theoretical gradeability

Antispin	52 %
Traction Control	48 %

Compaction

Centrifugal force, high amplitude	80,931 lbf
Centrifugal force, low amplitude	33,721 lbf
Nominal amplitude, High	0.0827 in
Nominal amplitude, Low	0.031 in
Static linear load	48 lb/in
Vibration, high amplitude	1,740 vpm
Vibration, low amplitude	1,800 vpm

Hydraulic system

Driving	Hydrostatic
Parking/emergency brake	Failsafe multidisc brake in rear axle and front drum motor.
Parking/secondary 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	25,684 lb
Max operating weight	40,785 lb
Rear module weight	14,440 lb

Fluids

Fuel tank	67 US gal
Hydraulic tank	11 US gal
Hydraulic, oil in system	22 US gal

Standards and certifications

Guaranteed Sound power level, LwA	104 dB

Dimension Machine

Height, max	117 in

Tyre

Number of tyres	2
Tyre type	Tractor

Steering

Steering Angle	38 °
Turning Radius, inside	135 in
Turning Radius, outside	219 in

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

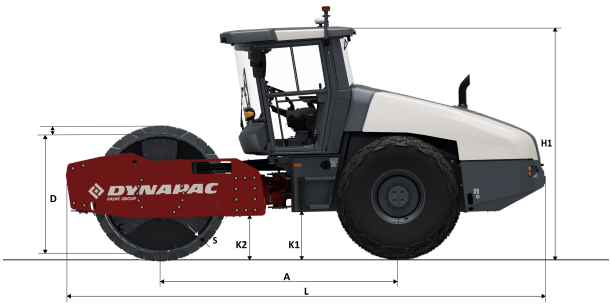
Engine

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

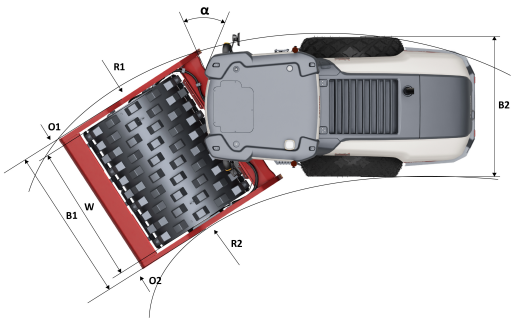
SIDE VIEW

A	122 in	Wheelbase
D	60 in	Drum Diameter
H1	117 in	Height
H2	117 in	Height, max
K1	18 in	Ground clearance
K2	18 in	Curb Clearance
L	246 in	Length
S	1 in	Drum shell thickness



TOP VIEW

B1	92 in	Width, front
B2	84 in	Width, rear
O1	4 in	Overhang, right
O2	4 in	Overhang, left
R1	219 in	Turning Radius, outside
R2	135 in	Turning Radius, inside
W	84 in	Drum width
α	38 °	Steering Angle



Questions?

We're happy to help

Find your closest dealer at dynapac.com

