CA1300D

Single Drum Rollers



DYNAPAC
FAYAT GROUP

TECHNICAL DATA

Technical data

Compaction

Centrifugal force	20,008 lbf
Nominal amplitude	0.067 in
Static linear load	11 lb/in
Vibration	2,100 vpm

Hydraulic system

Driving	Axial piston pump with variable displacement. Axial piston motor with constant displacement. Radial piston motor with constant displacement.
Parking/emergency brake	Failsafe multidisc brake in rear axle and front drum motor.
Service brake	Hydrostatic in forward and reverse lever.
Steering	Gear pump with constant displacement.

Drum

Drum width	54 in

Weights

Front module weight	3,924 lb
Max operating weight	12,015 lb
Rear module weight	7,099 lb

Fluids

Fuel tank	31 US gal
Hydraulic tank	8 US gal
Hydraulic, oil in system	11 US gal

Standards and certifications

Guaranteed Sound power level, LwA	103 dB

Dimension Machine

Height, max	100 in

Tyre

Number of tyres	2
Tyre type	All weather

Steering

Steering Angle	33 °
Turning Radius, inside	97 in
Turning Radius, outside	154 in

Traction

Vertical oscillation	9 °

Engine

Emission	Stage V/Tier 4f
Manufacturer	Yanmar
Model	4TNV98CT-PDCE
Rated power	54 kW (72 hp) @ 2,250 rpm
Rated power according to standard	SAE J1995
Type	Water cooled turbo diesel

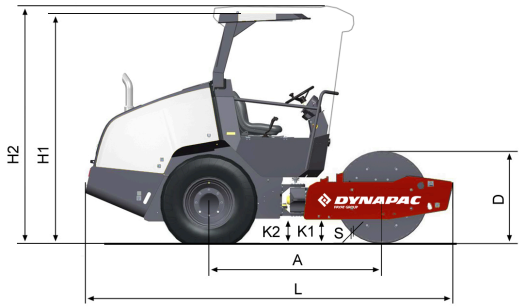
Engine

Emission	Tier 4f
Manufacturer	Yanmar
Model	4TNV98CT-7PDCE
Rated power	53 kW (71 hp) @ 2,400 rpm
Rated power according to standard	SAE J1995
Type	Water cooled turbo diesel

Dimensions

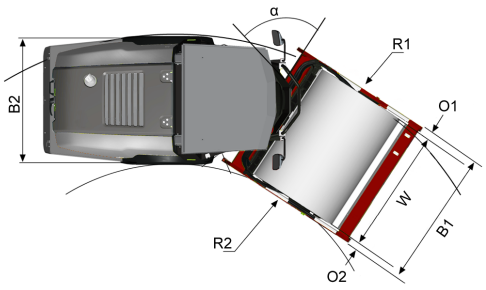
SIDE VIEW

A	73 in	Wheelbase
D	39 in	Drum Diameter
H1	71 in	Height
H2	100 in	Height, max
K1	10 in	Ground clearance
K2	10 in	Curb Clearance
L	156 in	Length
S	1 in	Drum shell thickness



TOP VIEW

B1	59 in	Width, front
B2	55 in	Width, rear
O1	2 in	Overhang, right
O2	2 in	Overhang, left
R1	154 in	Turning Radius, outside
R2	97 in	Turning Radius, inside
W	54 in	Drum width
α	33 °	Steering Angle



Questions?

We're happy to help

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