CC7000 VI

Heavy Tandem Rollers - Articulated



DYNAPAC
FAYAT GROUP

TECHNICAL DATA

Technical data

Compaction

Centrifugal force, high amplitude	36,419 lbf
Centrifugal force, low amplitude	15,512 lbf
Nominal amplitude, High	0.0315 in
Nominal amplitude, Low	0.012 in
Static linear load	31 lb/in
Static linear load, front	29 lb/in
Static linear load, rear	30 lb/in
Vibration, high amplitude	2,700 vpm
Vibration, low amplitude	2,880 vpm

Hydraulic system

Driving	Axial piston pump with variable displacement. Radial piston motors (2) with variable displacement.
Parking/emergency brake	Failsafe multidisc brake in both drums.
Service brake	Hydrostatic in forward and reverse lever.
Steering	Gear pump with constant displacement.

Drum

Drum width	84 in
Split drums	No

Weights

Front module weight	15,873 lb
Max operating weight	35,274 lb
Rear module weight	16,424 lb

Fluids

Fuel tank	48 US gal
Hydraulic, oil in system	20 US gal

Standards and certifications

Guaranteed Sound power level, LwA	108 dB

Speed

Speed, transport	7 mph
Speed, working	4 mph

Steering

Steering Angle	32 °
Turning Radius, inside	224 in
Turning Radius, outside	308 in

Traction

Vertical oscillation	7 °

Spray system

Water tank volume	277 US gal

Dimension Machine

Working width	84 in

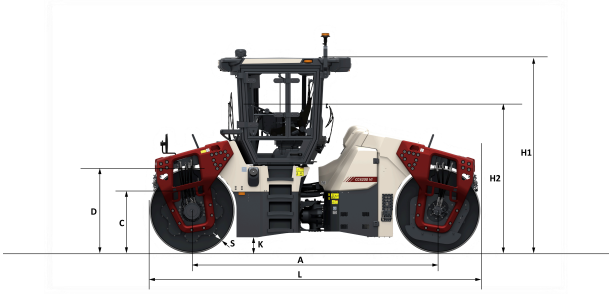
Engine

Emission	Stage V/Tier 4f
Manufacturer	Cummins
Model	F3.8
Rated power	115 kW (154 hp) @ 2,200 rpm
Rated power according to standard	SAE J1995
Type	Water cooled turbo diesel

Dimensions

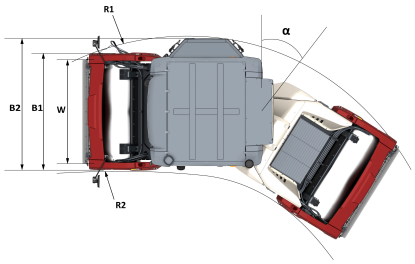
SIDE VIEW

A	153 in	Wheelbase
C	33 in	Curb Clearance
D	55 in	Drum Diameter
H1	121 in	Height
K	15 in	Ground clearance
L	208 in	Length
S	1 in	Drum shell thickness



TOP VIEW

B1	93 in	Width, front
B2	93 in	Width, ROPS
O1	6 in	Overhang, right
W	84 in	Drum width
R1	308 in	Turning Radius, outside
R2	224 in	Turning Radius, inside
α	32 °	Steering Angle



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