CC7000 VI

Heavy Tandem Rollers - Articulated



DYNAPAC
FAYAT GROUP

TECHNICAL DATA

Technical data

Compaction

Centrifugal force, high amplitude	162 kN
Centrifugal force, low amplitude	69 kN
Nominal amplitude, High	0.8 mm
Nominal amplitude, Low	0.3 mm
Static linear load	35.4 kg/cm
Static linear load, front	33.8 kg/cm
Static linear load, rear	35 kg/cm
Vibration, high amplitude	45 Hz
Vibration, low amplitude	48 Hz

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	2,130 mm
Split drums	No

Weights

Front module weight	7,200 kg
Max operating weight	16,000 kg
Rear module weight	7,450 kg

Fluids

Fuel tank	180 l
Hydraulic, oil in system	76 l

Standards and certifications

Guaranteed Sound power level, LwA	108 dB

Drive

Speed, transport	12 km/h

Speed

Speed, working	6 km/h

Steering

Steering Angle	32 °
Turning Radius, inside	5,700 mm
Turning Radius, outside	7,830 mm

Traction

Vertical oscillation	7 °

Spray system

Water tank volume	1,050 l

Dimension Machine

Working width	2,130 mm

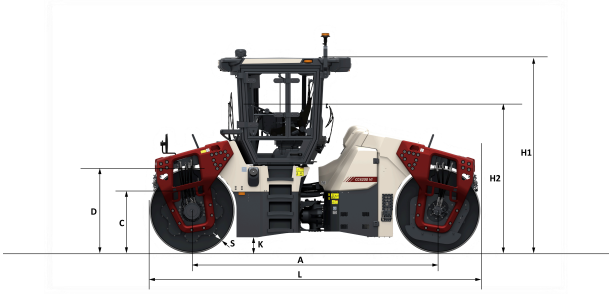
Engine

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

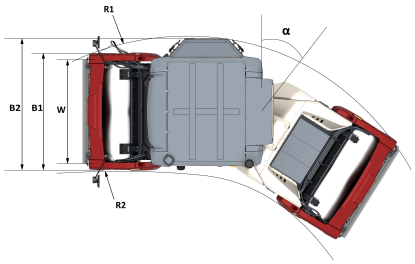
SIDE VIEW

A	3,880 mm	Wheelbase
C	845 mm	Curb Clearance
D	1,400 mm	Drum Diameter
H1	3,068 mm	Height
K	385 mm	Ground clearance
L	5,280 mm	Length
S	20 mm	Drum shell thickness



TOP VIEW

B1	2,360 mm	Width, front
B2	2,360 mm	Width, ROPS
O1	140 mm	Overhang, right
W	2,130 mm	Drum width
R1	7,830 mm	Turning Radius, outside
R2	5,700 mm	Turning Radius, inside
α	32 °	Steering Angle



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