CO4000 VI

Heavy Tandem Rollers - Articulated



DYNAPAC
FAYAT GROUP

TECHNICAL DATA

Technical data

Compaction

Centrifugal force, high amplitude	22,481 lbf
Centrifugal force, high amplitude	25,403 lbf
Centrifugal force, low amplitude	13,713 lbf
Centrifugal force, low amplitude	16,636 lbf
Centrifugal force, oscillation	27,427 lbf
Nominal amplitude, High	0 in
Nominal amplitude, Low	0 in
Oscillation	2,400 vpm
Static linear load, front	25 lb/in
Static linear load, rear	26 lb/in
Vibration, high amplitude	3,060 vpm
Vibration, low amplitude	4,020 vpm

Hydraulic system

Driving	Axial piston pump with variable displacement. Rad. 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	66 in
Split drums	No

Weights

Front module weight	10,692 lb
Max operating weight	28,550 lb
Rear module weight	10,913 lb

Fluids

Fuel tank	48 US gal
Hydraulic, oil in system	21 US gal

Standards and certifications

Guaranteed Sound power level, LwA	108 dB

Offset

Off-set	20 in

Drive

Speed, transport	7 mph

Speed

Speed, working	4 mph

Steering

Steering Angle	32 °
Turning Radius, inside	220 in
Turning Radius, outside	286 in

Traction

Vertical oscillation	7 °

Spray system

Water tank volume	180 US gal

Dimension Machine

Working width	66 in

Engine

Emission	Stage IIIA/Tier 3
Manufacturer	Cummins
Model	QSF 3.8
Rated power	104 kW (140 hp) @ 2200 rpm
Rated power according to standard	SAE J1995
Type	Water cooled turbo diesel

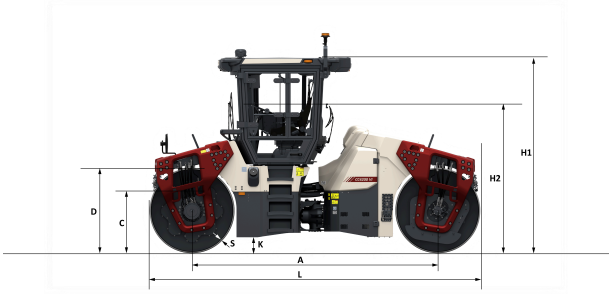
Engine

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

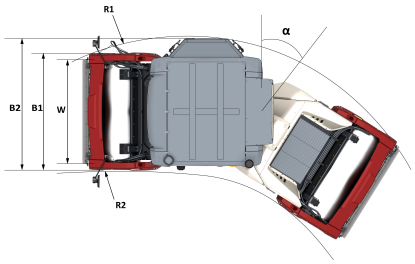
SIDE VIEW

A	145 in	Wheelbase
C	32 in	Curb Clearance
D	48 in	Drum Diameter
H1	118 in	Height
K	12 in	Ground clearance
L	193 in	Length
S	1 in	Drum shell thickness



TOP VIEW

O1	20 in	Off-set
R1	286 in	Turning Radius, outside
R2	220 in	Turning Radius, inside
W	66 in	Drum width
α	32 °	Steering Angle



Questions?

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