CO5200 VI

Heavy Tandem Rollers - Articulated



DYNAPAC
FAYAT GROUP

TECHNICAL DATA

Technical data

Compaction

Centrifugal force, high amplitude	106 kN
Centrifugal force, high amplitude	144 kN
Centrifugal force, low amplitude	68 kN
Centrifugal force, low amplitude	93 kN
Centrifugal force, oscillation	143 kN
Nominal amplitude, High	0.79 mm
Nominal amplitude, Low	0.29 mm
Oscillation	40 Hz
Static linear load, front	35 kg/cm
Static linear load, rear	35 kg/cm
Vibration, high amplitude	51 Hz
Vibration, low amplitude	67 Hz

Hydraulic system

Driving	Axial piston pump with variable displacem. Rad. piston motors(2) with variable displacem.
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	1,680 mm
Split drums	No

Weights

Front module weight	5,900 kg
Max operating weight	14,790 kg
Rear module weight	5,800 kg

Fluids

Fuel tank	180 l
Hydraulic, oil in system	74 l

Standards and certifications

Guaranteed Sound power level, LwA	108 dB

Offset

Off-set	520 mm

Drive

Speed, transport	12 km/h

Speed

Speed, working	6 km/h

Steering

Steering Angle	32 °
Turning Radius with off-set, inside	3,630 mm
Turning Radius, inside	5,460 mm
Turning Radius, outside	7,410 mm

Traction

Vertical oscillation	7 °

Spray system

Water tank volume	850 l

Dimension Machine

Working width	1,680 mm

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

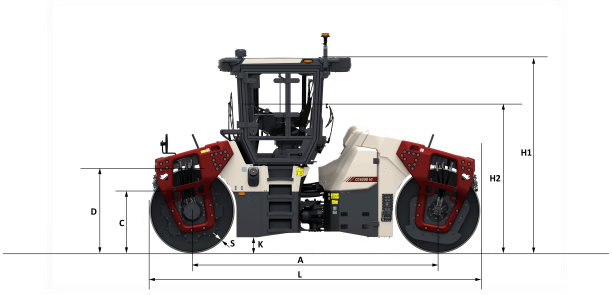
Engine

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

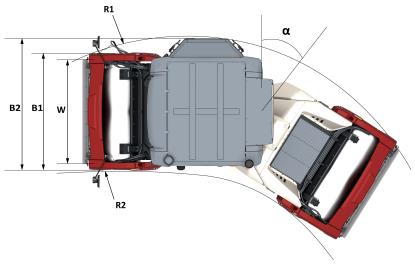
SIDE VIEW

A	3,760 mm	Wheelbase
C	815 mm	Curb Clearance
D	1,220 mm	Drum Diameter
H1	2,990 mm	Height
K	310 mm	Ground clearance
L	5,060 mm	Length
S	20 mm	Drum shell thickness



TOP VIEW

B2	2,410 mm	Width, assymetric cab
O1	520 mm	Off-set
R1	7,410 mm	Turning Radius, outside
R2	5,460 mm	Turning Radius, inside
R3	5,580 mm	Turning Radius with off-set, outside
R4	3,630 mm	Turning Radius with off-set, inside
W	1,680 mm	Drum width
α	32 °	Steering Angle



Questions?

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