CO6200 VI

Heavy Tandem Rollers - Articulated



DYNAPAC
FAYAT GROUP

TECHNICAL DATA

Technical data

Compaction

Centrifugal force, high amplitude	25,853 lbf
Centrifugal force, high amplitude	35,295 lbf
Centrifugal force, low amplitude	16,411 lbf
Centrifugal force, low amplitude	23,155 lbf
Centrifugal force, oscillation	34,396 lbf
Nominal amplitude, High	0.0315 in
Nominal amplitude, Low	0.012 in
Oscillation	2,400 vpm
Static linear load, front	25 lb/in
Static linear load, rear	25 lb/in
Vibration, high amplitude	3,060 vpm
Vibration, low amplitude	4,020 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	13,669 lb
Max operating weight	30,754 lb
Rear module weight	13,669 lb

Fluids

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

Standards and certifications

Guaranteed Sound power level, LwA	108 dB

Drive

Speed, transport	7 mph

Speed

Speed, working	4 mph

Steering

Steering Angle	32 °
Turning Radius, inside	211 in
Turning Radius, outside	295 in

Traction

Vertical oscillation	7 °

Spray system

Water tank volume	225 US gal

Dimension Machine

Working width	84 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

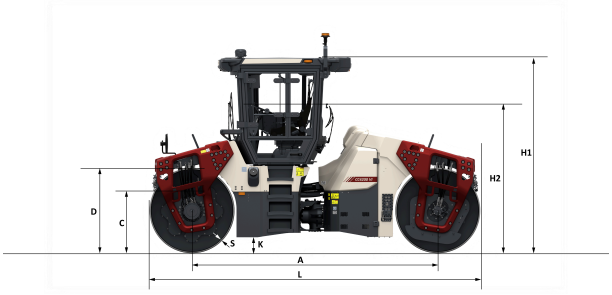
Engine

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

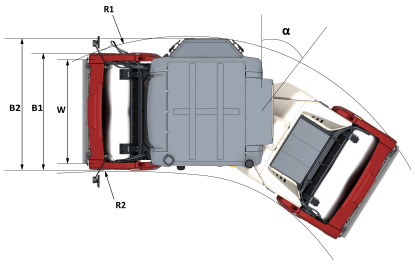
SIDE VIEW

A	148 in	Wheelbase
C	32 in	Curb Clearance
D	51 in	Drum Diameter
H1	118 in	Height
K	12 in	Ground clearance
L	199 in	Length
S	1 in	Drum shell thickness



TOP VIEW

B1	93 in	Width, front
B2	98 in	Width, assymetric cab
R1	295 in	Turning Radius, outside
R2	211 in	Turning Radius, inside
W	84 in	Drum width
α	32 °	Steering Angle



Questions?

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