

HD+ 120i VO

Tandem roller with vibrating roller drum and oscillation drum

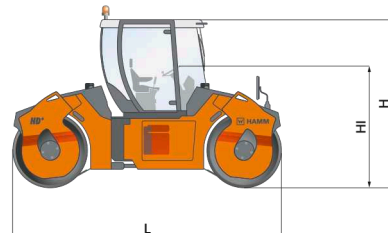
Tandem rollers Series HD+ / Series H274













HIGHLIGHTS HD+

- > Operating concept Easy Drive
- > Electronic machine management Hammtronic
- > Excellent view of machine and construction site
- > Track offset for comfortable starting and driving away and compacting at curbsides
- > Compaction with oscillation

Machine dimensions		
Total length (L)	mm • in	5300 • 208.7
Width (B)	mm • in	2145 • 84.4
Total height (H)	mm • in	2980 • 117.3
Drum width (X)	mm • in	1980/1980 • 78.0/78.0
Height, loading, min. (HI)	mm • in	2140 • 84.3



EU Stage V /
EPA Tier 4

TECHNICAL DATA		Unit	HD+ 120i VO
	Weights		
	Operating weight with cab	kg • lbs	12885 • 28,411
	Operating weight with ROPS	kg • lbs	12645 • 27,882
	Operating weight, max.	kg • lbs	13700 • 30,208
	Static linear load, front/rear	kg/cm • lbs/in	31,9/33,2 • 178.6/185.9
	French classific., data/class		30,1/VT2
	Machine dimensions		
	Total length	mm • in	5300 • 208.7
	Total height with cab	mm • in	2980 • 117.3
	Height, loading, min.	mm • in	2140 • 84.3
	Wheelbase	mm • in	3900 • 153.5
	Total width with cab	mm • in	2145 • 84.4
	Max. working width	mm • in	2150 • 84.6
	Curb clearance, left/right	mm • in	900/900 • 35.4/35.4
	Turning radius, inside	mm • in	6280 • 247.2
	Drum dimensions		
	Drum width, front/rear	mm • in	1980/1980 • 78.0/78.0
	Drum diameter, front/rear	mm • in	1400/1400 • 55.1/55.1
	Drum thickness, front/rear	mm • in	19/20 • 0.7/0.8
	Drum type, front		Smooth/non-split
	Drum type, rear		Smooth/non-split
	Track offset, left/right	mm • in	170 • 6.7
	Diesel engine		
	Manufacturer		DEUTZ
	Type		TCD 4.1 L4
	Number of cylinders		4
	Power rat. ISO 14396, kW/PS/rpm		115,0/156,4/2300
	Power rating SAE J1349, kW/HP/rpm		115,0/154,1/2300
	Emission standard		EU Stage V / EPA Tier 4
	Exhaust gas after-treatment		DOC-DPF-SCR
	Drive		
	Speed, infinitely variable	km/h • mph	0-10,0 • 0.0-6.2
	Regulation, infinitely variable		Hammtronic
	Climbing ability, vibration on/off	%	41/41
	Vibration		
	Vibration frequency, front, I/II	Hz • vpm	40/50 • 2,400/3,000
	Amplitude, front, I/II	mm • in	0,89/0,35 • .035/.014
	Centrifugal force, front, I/II	kN • lbs	173/95 • 38,925/21,375
	Oscillation		
	Oscillation force, rear	kN • lbs	175 • 39,375
	Oscillation frequency, rear	Hz • vpm	36 • 2,160
	Tangential amplitude, rear	mm • in	1,25 • .049
	Steering		
	Oscillation angle +/-	°	10
	Steering, type		Articulated steering
	Sprinkler system		
	Water sprinkler, type		Pressure
	Tank capacity/Fill capacity		
	Fuel tank, capacity	L • Gal	260 • 68.7
	AdBlue/DEF tank, content	L • Gal	20 • 5.3
	Water tank, capacity	L • Gal	1145 • 302.5
	Sound level		
	Acoustic power LW(A), sticker		109
	Acoustic power LW(A), measured		106

EQUIPMENT

12 V outlet, 2 large working and rear view mirrors, Foldable scraper, Operating concept Easy Drive, Pressure water sprinkling with interval switch, ECO mode, Operator's platform with entry from both sides, Speed-controlled water sprinkling system, Speed preselect, Vibration-isolated operator's platform, Track offset, hydraulic, Spray system with spray bars front and rear, Water filtering (triple), Water tank front and rear, can be filled from both sides, Central water drain

OPTIONAL EQUIPMENT

Working light, Locking device, HAMM Temperature Meter (HTM), Dashboard cover, ROPS cabin with non-split doors, Drum edge lighting, Back-up alarm, Tool kit, Coming home lighting, Tachograph, Fire extinguisher, HCQ navigator, Track offset display, Edge pressing and cutting equipment, Heating and air conditioning, Automatic engine-off function, Radio, Rotating beacon, Compaction meter HCQ, Cutting disc

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