

# HD+ 120i VO

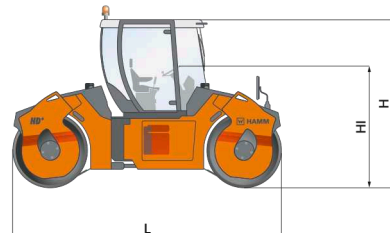
Tandem roller with vibrating roller drum and oscillation drum  
Tandem rollers Series HD+ / Series H243













## 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  
IV/EPA Tier  
4

TECHNICAL DATA		Unit	HD+ 120i VO
	<b>Weights</b>		
	Operating weight with cab	kg • lbs	12755 • 28,125
	Operating weight with ROPS	kg • lbs	12515 • 27,596
	Operating weight, max.	kg • lbs	13670 • 30,142
	Static linear load, front/rear	kg/cm • lbs/in	31,6/32,8 • 177.0/183.7
	French classific., data/class		29,8/VT2
	<b>Machine dimensions</b>		
	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
	<b>Drum dimensions</b>		
	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
	<b>Diesel engine</b>		
	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 IV/EPA Tier 4
	Exhaust gas after-treatment		DOC-DPF-SCR
	<b>Drive</b>		
	Speed, working gear	km/h • mph	0-6,0 • 0.0-3.7
	Speed, transportation gear	km/h • mph	0-12,0 • 0.0-7.5
	Regulation, infinitely variable		Hammtronic
	Climbing ability, vibration on/off	%	30/35
	<b>Vibration</b>		
	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
	<b>Oscillation</b>		
	Oscillation force, rear	kN • lbs	175 • 39,375
	Oscillation frequency, rear	Hz • vpm	36 • 2,160
	Tangential amplitude, rear	mm • in	1,25 • .049
	<b>Steering</b>		
	Oscillation angle +/-	°	10
	Steering, type		Articulated steering
	<b>Sprinkler system</b>		
	Water sprinkler, type		Pressure
	<b>Tank capacity/Fill capacity</b>		
	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
	<b>Sound level</b>		
	Acoustic power LW(A), sticker		109
	Acoustic power LW(A), measured		107

#### 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, Handrail at operator's platform

#### OPTIONAL EQUIPMENT

ROPS, rigid, Heating, Multifunction armrest, right, foldable, Steering column with comfort exit and tiltable dashboard, Radio, HCQ navigator, Protective roof, Edge pressing and cutting equipment, Anti-freeze injection, Frequency control, Speedometer, Automatic engine-off function, HAMM Temperature Meter (HTM), Track offset display, Back-up alarm, Working light, Rotating beacon, Drum edge lighting, Coming home lighting

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