

# HD+ 120i VV-HF

Tandem roller with two vibrating roller drums  
Tandem rollers Series HD+ / Series H243

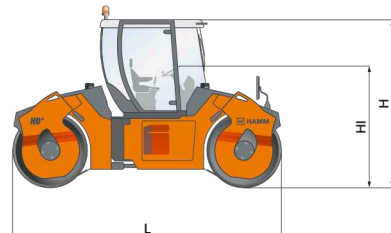


## HIGHLIGHTS HD+











- > 3-point articulation for even weight distribution and excellent directional stability
- > 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

## 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 VV-HF
	<b>Weights</b>		
	Operating weight with cab	kg • lbs	12795 • 28,213
	Operating weight with ROPS	kg • lbs	12555 • 27,684
	Operating weight, max.	kg • lbs	13710 • 30,231
	Static linear load, front/rear	kg/cm • lbs/in	32,4/32,2 • 181.4/180.3
	French classific., data/class		26,2/VT1
	<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	19/19 • 0.7/0.7
	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	%	35/40
	<b>Vibration</b>		
	Vibration frequency, front, I/II	Hz • vpm	45/67 • 2,700/4,020
	Vibration frequency, rear, I/II	Hz • vpm	45/67 • 2,700/4,020
	Amplitude, front, I/II	mm • in	0,71/0,27 • .028/.011
	Amplitude, rear, I/II	mm • in	0,71/0,27 • .028/.011
	Centrifugal force, front, I/II	kN • lbs	173/147 • 38,925/33,075
	Centrifugal force, rear, I/II	kN • lbs	173/147 • 38,925/33,075
	<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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