

# HD+ 90i VV

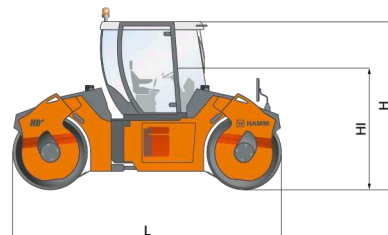
Tandem roller with two vibrating roller drums  
Tandem rollers Series HD+ / Series H242













## 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	4900 • 192.9
Width (B)	mm • in	1800 • 70.9
Total height (H)	mm • in	2980 • 117.3
Drum width (X)	mm • in	1680/1680 • 66.1/66.1
Height, loading, min. (HI)	mm • in	2150 • 84.6



TECHNICAL DATA		Unit	HD+ 90i VV
	<b>Weights</b>		
	Operating weight with cab	kg • lbs	9320 • 20,551
	Operating weight with ROPS	kg • lbs	9150 • 20,176
	Operating weight, max.	kg • lbs	11860 • 26,151
	Static linear load, front/rear	kg/cm • lbs/in	28,1/27,4 • 157.4/153.4
	French classific., data/class		22,1/VT1
	<b>Machine dimensions</b>		
	Total length	mm • in	4900 • 192.9
	Total height with cab	mm • in	2980 • 117.3
	Height, loading, min.	mm • in	2150 • 84.6
	Wheelbase	mm • in	3700 • 145.7
	Total width with cab	mm • in	1800 • 70.9
	Max. working width	mm • in	1850 • 72.8
	Curb clearance, left/right	mm • in	800/800 • 31.5/31.5
	Turning radius, inside	mm • in	6050 • 238.2
	<b>Drum dimensions</b>		
	Drum width, front/rear	mm • in	1680/1680 • 66.1/66.1
	Drum diameter, front/rear	mm • in	1200/1200 • 47.2/47.2
	Drum thickness, front/rear	mm • in	17/17 • 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 3.6 L4
	Number of cylinders		4
	Power rat. ISO 14396, kW/PS/rpm		85,0/115,6/2300
	Power rating SAE J1349, kW/HP/rpm		85,0/113,9/2300
	Emission standard		EU Stage IV/EPA Tier 4
	Exhaust gas after-treatment		DOC-SCR
	<b>Drive</b>		
	Speed, working gear	km/h • mph	0-6,5 • 0.0-4.0
	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	42/50 • 2,520/3,000
	Vibration frequency, rear, I/II	Hz • vpm	42/50 • 2,520/3,000
	Amplitude, front, I/II	mm • in	0,62/0,34 • .024/.013
	Amplitude, rear, I/II	mm • in	0,62/0,34 • .024/.013
	Centrifugal force, front, I/II	kN • lbs	75/60 • 16,875/13,500
	Centrifugal force, rear, I/II	kN • lbs	75/60 • 16,875/13,500
	<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	173 • 45.7
	AdBlue/DEF tank, content	L • Gal	20 • 5.3
	Water tank, capacity	L • Gal	760 • 200.8
	<b>Sound level</b>		
	Acoustic power LW(A), sticker	db(A)	107
	Acoustic power LW(A), measured	db(A)	105

#### 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, Spray system with spray bars front and rear, Track offset, hydraulic, Water filtering (triple), Water tank front and rear, can be filled from both sides, Central water drain

#### OPTIONAL EQUIPMENT

Heating, Multifunction armrest, right, foldable, Steering column with comfort exit and tiltable dashboard, HCC navigator, Protective roof, Edge pressing and cutting equipment, Automatic engine-off function, HAMM Temperature Meter (HTM), Track offset display, Back-up alarm, Working light, Rotating beacon, Coming home lighting

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