

HD+ 90i PH VO

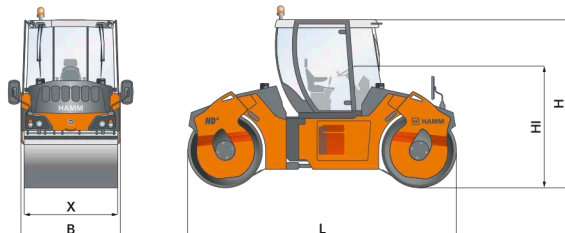
Tandem roller with vibrating roller drum and oscillation drum
Tandem rollers Series HD+ / Series H276














HIGHLIGHTS HD+

- > Operating concept Easy Drive
- > Electronic machine management Hammtronic
- > Excellent view of machine and construction site
- > Hydraulic hybrid drive
- > Compaction with oscillation

Machine dimensions		
Total length (L)	mm • in	4800 • 189.0
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



EU Stage V /
EPA Tier 4

TECHNICAL DATA		Unit	HD+ 90i PH VO
	Weights		
	Operating weight with cab	kg • lbs	9220 • 20,330
	Operating weight with ROPS	kg • lbs	9050 • 19,955
	Operating weight, max.	kg • lbs	11760 • 25,931
	Static linear load, front/rear	kg/cm • lbs/in	27,8/27,1 • 155.7/151.8
	French classific., data/class		21,9/VT1
	Machine dimensions		
	Total length	mm • in	4800 • 189.0
	Total height with cab	mm • in	2980 • 117.3
	Height, loading, min.	mm • in	2150 • 84.6
	Wheelbase	mm • in	3600 • 141.7
	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	5900 • 232.3
	Drum dimensions		
	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	17/20 • 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 2.9 L4
	Power rat. ISO 14396, kW/PS/rpm		55,4/75,3/2300
	Power rating SAE J1349, kW/HP/rpm		55,4/74,2/2300
	Emission standard		EU Stage V / EPA Tier 4
	Exhaust gas after-treatment		DOC-DPF
	Drive		
	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	%	-
	Vibration		
	Vibration frequency, front, I/II	Hz • vpm	42/50 • 2,520/3,000
	Amplitude, front, I/II	mm • in	0,62/0,34 • .024/.013
	Centrifugal force, front, I/II	kN • lbs	75/60 • 16,875/13,500
	Oscillation		
	Oscillation force, rear	kN • lbs	128 • 28,800
	Oscillation frequency, rear	Hz • vpm	39 • 2,340
	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	173 • 45.7
	Water tank, capacity	L • Gal	760 • 200.8
	Sound level		
	Acoustic power LW(A), sticker		106
	Acoustic power LW(A), measured		103

EQUIPMENT
 2 water pumps, Storage bin, lockable, Foldable scraper, Tilttable dashboard, Operating concept Easy Drive, Electrically powered cooling fan, Spring-mounted driver's seat with armrests and safety belt, Hammtronic—electronic machine management, Seat-operating unit, can be moved and rotated laterally, Track offset, Automatic vibration system, Vibration parameters, adjustable individually, 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, Additional hydraulic performance support up to 20 kW, ROPS, rigid

OPTIONAL EQUIPMENT
 ROPS cabin with non-split doors, ROPS cabin with split doors, Radio, Tachograph, HCQ navigator, Fire extinguisher, Dashboard cover, lockable, Thermal aprons, Anti-freeze injection, Frequency control, Compaction meter HCQ, Automatic engine-off function, HAMM Temperature Meter (HTM), Track offset display, Back-up alarm, Telematics interface, Working light, Drum edge lighting, Tool kit

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