

HD+ 90i PH VT

Tandem roller with vibrating roller drum and set of tires
Tandem rollers Series HD+ / Series H276

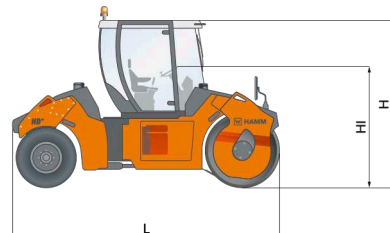


HIGHLIGHTS HD+







- > 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
- > Hydraulic hybrid drive

Machine dimensions

Total length (L)	mm • in	4800 • 189.0
Width (B)	mm • in	1800 • 70.9
Total height (H)	mm • in	3010 • 118.5
Drum width (X)	mm • in	1680 • 66.1
Height, loading, min. (HI)	mm • in	2226 • 87.6



EU Stage V /
EPA Tier 4

TECHNICAL DATA		Unit	HD+ 90i PH VT
	Weights		
Operating weight with cab	kg • lbs		8720 • 19,228
Operating weight with ROPS	kg • lbs		8550 • 18,853
Operating weight, max.	kg • lbs		11280 • 24,872
Static linear load, front	kg/cm • lbs/in		27,8 • 155.7
French classific., data/class			21,9,10,1/VX1.PLO
	Machine dimensions		
Total length	mm • in		4800 • 189.0
Total height with cab	mm • in		3010 • 118.5
Height, loading, min.	mm • in		2226 • 87.6
Wheelbase	mm • in		3600 • 141.7
Total width with cab	mm • in		1800 • 70.9
Max. working width	mm • in		1820 • 71.7
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	mm • in		1680 • 66.1
Drum diameter, front	mm • in		1200 • 47.2
Drum thickness, front	mm • in		17 • 0.7
Drum type, front			Smooth/non-split
Track offset, left/right	mm • in		170 • 6.7
	Wheel dimensions		
Size of tires, rear			11.00-20
Width over tires, rear	mm • in		1620 • 63.8
Number of tires, rear			4
	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
	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
Additive tank, capacity	L • Gal		22 • 5.8
	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, HMM Temperature Meter (HTM), Track offset display, Back-up alarm, Telematics interface, Working light, Drum edge lighting, Tool kit

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