

HD+ 90i PH VO

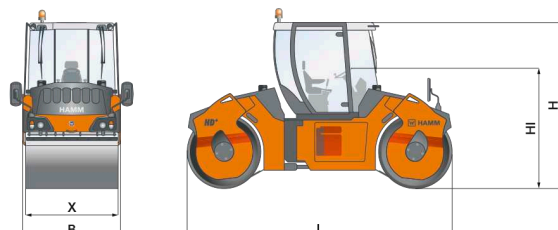
Tandem roller with vibrating roller drum and oscillation drum
Tandem rollers Series HD+ / Series H276














HIGHLIGHTS HD+

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

Machine dimensions		
Total length (L)	mm	4800
Width (B)	mm	1800
Total height (H)	mm	2980
Drum width (X)	mm	1680/1680
Height loading, min. (Hl)	mm	2150



EU Stage V /
EPA Tier 4

TECHNICAL DATA		Unit	HD+ 90i PH VO
	Weights		
	Operating weight with cab	kg	9220
	Operating weight with ROPS	kg	9050
	Operating weight, max.	kg	11760
	Static linear load, front/rear	kg/cm	27,8/27,1
	French classific., data/class		21,9/VT1
	Machine dimensions		
	Total length	mm	4800
	Total height with cab	mm	2980
	Height loading, min.	mm	2150
	Wheel base	mm	3600
	Total width with cab	mm	1800
	Max. working width	mm	1850
	Kerb clearance, left/right	mm	800/800
	Turning radius, inside	mm	5900
	Drum dimensions		
	Drum width, front/rear	mm	1680/1680
	Drum diameter, front/rear	mm	1200/1200
	Drum thickness, front/rear	mm	17/20
	Drum type, front		Smooth/non-split
	Drum type, rear		Smooth/non-split
	Track offset, left/right	mm	170
	Diesel engine		
	Manufacturer		DEUTZ
	Version		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	0-6,0
	Speed, transportation gear	km/h	0-12,0
	Regulation, infinitely variable		Hammtronic
	Climbing ability, vibration on/off	%	-
	Vibration		
	Vibration frequency, front, I/II	Hz	42/50
	Amplitude, front, I/II	mm	0,62/0,34
	Centrifugal force, front, I/II	kN	75/60
	Oscillation		
	Oscillation force, rear	kN	128
	Oscillation frequency, rear	Hz	39
	Tangential amplitude, rear	mm	1,25
	Steering		
	Oscillation angle +/-	°	10
	Steering, type		Articulated steering
	Sprinkler system		
	Water sprinkler, type		Pressure
	Tank capacity/Fill capacity		
	Fuel tank, capacity	L	173
	Water tank, capacity	L	834
	Sound level		
	Acoustic power LW(A), sticker		106
	Acoustic power LW(A), measured		104

EQUIPMENT

2 water pumps, Storage bin, lockable, Foldable scraper, Tilttable dashboard, Operating concept Easy Drive, Electric 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 system, Frequency control, HCQ compaction meter, Automatic engine-off function, HAMM Temperature Meter (HTM), Track offset display, Back-up alarm (reversing), Telematics interface, Working lights, Drum edge lighting, Tool kit

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