

# HD+ 90i VO

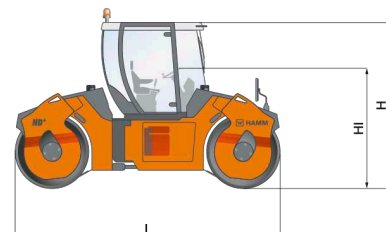
Tandem roller with vibrating roller drum and oscillation drum  
Tandem rollers Series HD+ / Series H242














## HIGHLIGHTS HD+

- > Operating concept Easy Drive
- > Electronic machine management Hammtronic
- > Excellent view of the machine and the construction site
- > Track offset for comfortable start up, moving away and compacting at curb edges
- > Compaction with oscillation

Machine dimensions		
Total length (L)	mm	4900
Width (B)	mm	1800
Total height (H)	mm	2980
Drum width (X)	mm	1680/1680
Height loading, min. (Hl)	mm	2150



TECHNICAL DATA		Unit	HD+ 90i VO
	<b>Weights</b>		
	Operating weight with cab	kg	9320
	Operating weight with ROPS	kg	9150
	Operating weight, max.	kg	11860
	Static linear load, front/rear	kg/cm	28,1/27,4
	French classific., data/class		22,1/VT1
	<b>Machine dimensions</b>		
	Total length	mm	4900
	Total height with cab	mm	2980
	Height loading, min.	mm	2150
	Wheel base	mm	3700
	Total width with cab	mm	1800
	Max. working width	mm	1850
	Kerb clearance, left/right	mm	800/800
	Turning radius, inside	mm	6050
	<b>Drum dimensions</b>		
	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
	<b>Diesel engine</b>		
	Manufacturer		DEUTZ
	Version		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	0-6,5
	Speed, transportation gear	km/h	0-12,0
	Regulation, infinitely variable		Hammtronic
	Climbing ability, vibration on/off	%	35/40
	<b>Vibration</b>		
	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
	<b>Oscillation</b>		
	Oscillation force, rear	kN	128
	Oscillation frequency, rear	Hz	39
	Tangential amplitude, rear	mm	1,25
	<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	173
	AdBlue/DEF tank, content	L	20
	Water tank, capacity	L	760
	<b>Sound level</b>		
	Acoustic power LW(A), sticker		107
	Acoustic power LW(A), measured		106

#### EQUIPMENT

12 V socket, 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, Handrails on the 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, Chip spreader, Anti-freeze injection system, Frequency control, Speedometer, Automatic engine-off function, HAMM Temperature Meter (HTM), Track offset display, Back-up alarm (reversing), Working lights, Rotating beacon, Drum edge lighting, Coming home lighting

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