

# DV+ 90i VV-S

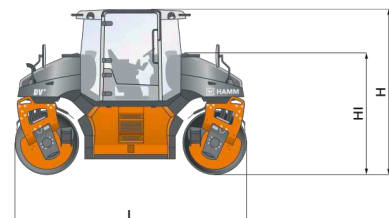
Tandem roller with two vibrating roller drums  
Tandem rollers Series DV+ / Series H246



## HIGHLIGHTS DV+

- > Operating concept Easy Drive
- > Electronic machine management Hammtronic
- > Large panorama cabin with clear view concept and free visibility of the drums and the construction site
- > High compaction quality through optimum setting of the compaction parameters
- > Intelligent water sprinkler system

Machine dimensions		
Total length (L)	mm	4450
Width (B)	mm	1860
Total height (H)	mm	2965
Drum width (X)	mm	1680/1680
Height loading, min. (Hl)	mm	2172



TECHNICAL DATA		Unit	DV+ 90i VV-S
	<b>Weights</b>		
	Operating weight with cab	kg	9530
	Operating weight, max.	kg	12360
	Static linear load, front/rear	kg/cm	29,9/27,8
	French classific., data/class		22,6/VT1
	<b>Machine dimensions</b>		
	Total length	mm	4450
	Total height with cab	mm	2965
	Height loading, min.	mm	2172
	Wheel base	mm	3250
	Total width with cab	mm	1860
	Max. working width	mm	3050
	Kerb clearance, left/right	mm	665/665
	Turning radius, inside	mm	3000
	<b>Drum dimensions</b>		
	Drum width, front/rear	mm	1680/1680
	Drum diameter, front/rear	mm	1200/1200
	Drum thickness, front/rear	mm	17/17
	Drum type, front		Smooth/split
	Drum type, rear		Smooth/split
	Track offset, left/right	mm	1370
	<b>Diesel engine</b>		
	Manufacturer		DEUTZ
	Version		TCD 3.6 L4
	Number of cylinders		4
	Power rat. ISO 14396, kW/PS/rpm		74,4/101,2/2200
	Power rating SAE J1349, kW/HP/rpm		74,4/99,7/2200
	Emission standard		EU Stage IV / EPA Tier 4
	Exhaust gas after-treatment		DOC-DPF-SCR
	<b>Drive</b>		
	Speed, infinitely variable	km/h	0 - 11,0
	Regulation, infinitely variable		Hammtronic
	Climbing ability, vibration on/off	%	40/45
	<b>Vibration</b>		
	Vibration frequency, front, I/II	Hz	42/50
	Vibration frequency, rear, I/II	Hz	42/50
	Amplitude, front, I/II	mm	0,61/0,40
	Amplitude, rear, I/II	mm	0,61/0,40
	Centrifugal force, front, I/II	kN	84/78
	Centrifugal force, rear, I/II	kN	84/78
	<b>Steering</b>		
	Oscillation angle +/-	°	4
	Steering, type		All-wheel, analogue
	<b>Sprinkler system</b>		
	Water sprinkler, type		Pressure
	<b>Tank capacity/Fill capacity</b>		
	Fuel tank, capacity	L	160
	AdBlue/DEF tank, content	L	20
	Water tank, capacity	L	810
	<b>Sound level</b>		
	Acoustic power LW(A), sticker		106
	Acoustic power LW(A), measured		104

#### EQUIPMENT

Operating concept Easy Drive, Lighting package as per road traffic regulations, Pressurized refilling of water tanks from below, Hammtronic - electronic machine management, Cabin floor window, front and rear, Seat-operating unit, can be moved and rotated laterally, Spray system with spray bar front and rear, Water filtering (triple), Central water drain, Seat adjustment, Working lights

#### OPTIONAL EQUIPMENT

Radio, HCQ Navigator, Edge pressing and cutting equipment, Chip spreader, Anti-freeze injection system, Central grease point, Automatic engine-off function, HAMM Temperature Meter (HTM), Back-up alarm (reversing), Rotating beacon, Drum edge lighting, Drum lighting, Coming home lighting

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