

# HD+ 90i VV

Tandem roller with two vibrating roller drums

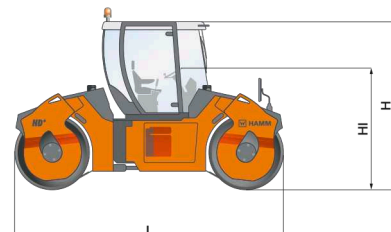
Tandem rollers Series HD+ / Series H242



## HIGHLIGHTS HD+

- > 3-point articulation for even weight distribution and excellent on-centre feel
- > 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

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. (HI)	mm	2150



TECHNICAL DATA		Unit	HD+ 90i VV
	<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
	<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
	Ground 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	17/17
	Drum type, front		smooth/non-divided
	Drum type, rear		smooth/non-divided
	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		Hamtronic
	Climbing ability, vibration on/off	%	35/40
	<b>Vibration</b>		
	Vibration frequency, front, I/II	Hz	42/50
	Vibration frequency, rear, I/II	Hz	42/50
	Amplitude, front, I/II	mm	0,62/0,34
	Amplitude, rear, I/II	mm	0,62/0,34
	Centrifugal force, front, I/II	kN	75/60
	Centrifugal force, rear, I/II	kN	75/60
	<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	834
	<b>Sound level</b>		
	Acoustic power LW(A), sticker		107
	Acoustic power LW(A), measured		106

#### EQUIPMENT

2 water pumps, Foldable scraper, Tilttable dashboard, Operating concept Easy Drive, Spring-mounted driver's seat with armrests and safety belt, Hamtronic - electronic machine management, Seat-operating unit, can be moved and rotated laterally, Track offset, 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, Handrails on the operator's platform

#### OPTIONAL EQUIPMENT

HCO Navigator, Steering column with comfort exit and tilttable dashboard, Multifunction armrest, right, foldable, ROPS cabin with non-split doors, Rotating beacon, Protective roof, Chip spreader, ROPS cabin with split doors, Working lights, Back-up alarm (reversing), Frequency control, Anti-freeze injection system, Speedometer, HAMM Temperature Meter (HTM), Heating and air conditioning, Heating, Track offset display, Edge pressing and cutting equipment, Radio, ROPS, rigid, Automatic engine-off function, Drum edge lighting, Telematics interface, Coming home lighting

**HAMM AG**  
Hammstraße 1  
D-95643 Tirschenreuth  
Tel. +49 9631 80-0  
Fax +49 9631 80-111  
www.hamm.eu

