

# HD+ 140i VO

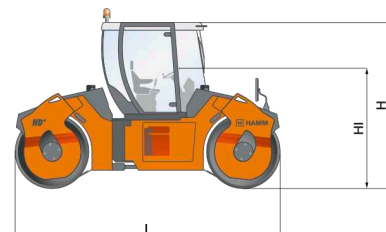
Tandem roller with vibrating roller drum and oscillation drum  
Tandem rollers Series HD+ / Series H243













## 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	5300
Width (B)	mm	2260
Total height (H)	mm	2980
Drum width (X)	mm	2140/2140
Height loading, min. (Hl)	mm	2140



TECHNICAL DATA		Unit	HD+ 140i VO
	<b>Weights</b>		
	Operating weight with cab	kg	13055
	Operating weight with ROPS	kg	12815
	Operating weight, max.	kg	13970
	Static linear load, front/rear	kg/cm	30,1/30,9
	French classific., data/class		27,4/VT2
	<b>Machine dimensions</b>		
	Total length	mm	5300
	Total height with cab	mm	2980
	Height loading, min.	mm	2140
	Wheel base	mm	3900
	Total width with cab	mm	2260
	Max. working width	mm	2310
	Kerb clearance, left/right	mm	900/900
	Turning radius, inside	mm	6200
	<b>Drum dimensions</b>		
	Drum width, front/rear	mm	2140/2140
	Drum diameter, front/rear	mm	1400/1400
	Drum thickness, front/rear	mm	19/20
	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 4.1 L4
	Number of cylinders		4
	Power rat. ISO 14396, kW/PS/rpm		115,0/156,4/2300
	Power rating SAE J1349, kW/HP/rpm		115,0/154,1/2300
	Emission standard		EU Stage IV / EPA Tier 4
	Exhaust gas after-treatment		DOC-DPF-SCR
	<b>Drive</b>		
	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	%	30/35
	<b>Vibration</b>		
	Vibration frequency, front, I/II	Hz	40/50
	Amplitude, front, I/II	mm	0,86/0,33
	Centrifugal force, front, I/II	kN	180/95
	<b>Oscillation</b>		
	Oscillation force, rear	kN	175
	Oscillation frequency, rear	Hz	36
	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	260
	AdBlue/DEF tank, content	L	20
	Water tank, capacity	L	1145
	<b>Sound level</b>		
	Acoustic power LW(A), sticker		109
	Acoustic power LW(A), measured		107

#### 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, Track offset, hydraulic, 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

ROPS, rigid, Heating, Multifunction armrest, right, foldable, Steering column with comfort exit and tilttable dashboard, Radio, HCQ Navigator, Protective roof, Edge pressing and cutting equipment, 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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