

# HD+ 80i VO

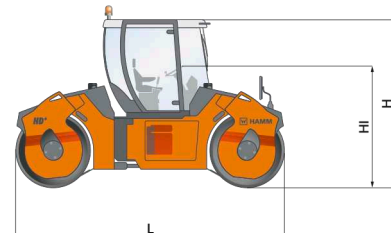
Tandem roller with vibrating roller drum and oscillation drum  
Tandem rollers Series HD+ / Series H186














## HIGHLIGHTS HD+

- > Simple, intuitive and language-neutral control
- > Excellent view of machine and construction site
- > Seat-operating unit can be moved and rotated
- > Track offset for comfortable starting and driving away and compacting at curbsides
- > Compaction with oscillation

Machine dimensions		
Total length (L)	mm • in	4480 • 176.4
Width (B)	mm • in	1800 • 70.9
Total height (H)	mm • in	2890 • 113.8
Drum width (X)	mm • in	1680/1680 • 66.1/66.1
Height, loading, min. (HI)	mm • in	2080 • 81.9



EU Stage  
IIIB/EPA  
Tier 4

TECHNICAL DATA		Unit	HD+ 80i VO
	<b>Weights</b>		
Operating weight with cab	kg • lbs	7790 • 17,177	
Operating weight with ROPS	kg • lbs	7620 • 16,802	
Operating weight, max.	kg • lbs	10240 • 22,579	
Static linear load, front/rear	kg/cm • lbs/in	23,4/23,0 • 131.0/128.8	
French classific., data/class		18,3/VT1	
	<b>Machine dimensions</b>		
Total length	mm • in	4480 • 176.4	
Total height with cab	mm • in	2890 • 113.8	
Height, loading, min.	mm • in	2080 • 81.9	
Wheelbase	mm • in	3340 • 131.5	
Total width with cab	mm • in	1800 • 70.9	
Max. working width	mm • in	1815 • 71.5	
Curb clearance, left/right	mm • in	750/750 • 29.5/29.5	
Turning radius, inside	mm • in	4140 • 163.0	
	<b>Drum dimensions</b>		
Drum width, front/rear	mm • in	1680/1680 • 66.1/66.1	
Drum diameter, front/rear	mm • in	1140/1140 • 44.9/44.9	
Drum thickness, front/rear	mm • in	17/20 • 0.7/0.8	
Drum type, front		Smooth/non-split	
Drum type, rear		Smooth/non-split	
Track offset, left/right	mm • in	135 • 5.3	
	<b>Diesel engine</b>		
Manufacturer		DEUTZ	
Type		TCD 2.9 L4	
Number of cylinders		4	
Power rat. ISO 14396, kW/PS/rpm		55,4/75,3/2500	
Power rating SAE J1349, kW/HP/rpm		55,4/74,2/2500	
Emission standard		EU Stage IIIB/EPA Tier 4	
Exhaust gas after-treatment		DOC	
	<b>Drive</b>		
Speed, working gear	km/h • mph	0-6,0 • 0.0-3.7	
Speed, transportation gear	km/h • mph	0-12,0 • 0.0-7.5	
Regulation, infinitely variable		Hammtronic	
Climbing ability, vibration on/off	%	35/40	
	<b>Vibration</b>		
Vibration frequency, front, I/II	Hz • vpm	48/58 • 2,880/3,480	
Amplitude, front, I/II	mm • in	0,61/0,33 • .024/.013	
Centrifugal force, front, I/II	kN • lbs	87/69 • 19,575/15,525	
	<b>Oscillation</b>		
Oscillation force, rear, I/II	kN • lbs	92/128 • 20,700/28,800	
Oscillation frequency, rear, I/II	Hz • vpm	33/40 • 1,980/2,400	
Tangential amplitude, rear, I/II	mm • in	1,25/1,25 • .049/.049	
	<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 • Gal	120 • 31.7	
Water tank, capacity	L • Gal	700 • 184.9	
	<b>Sound level</b>		
Acoustic power LW(A), sticker		106	
Acoustic power LW(A), measured		105	

#### EQUIPMENT

12 V outlet, 2 large working and rear view mirrors, Foldable scraper, Dashboard with displays, indicator lights and switches, Tilttable dashboard, Pressure water sprinkling with interval switch, ECO mode, Operator's platform with entry from both sides, Speed-controlled water sprinkling system, Speed preselect, Vibration-insulated 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, Handrail at operator's platform

#### OPTIONAL EQUIPMENT

ROPS, rigid, Heating, Steering column with comfort exit and tilttable dashboard, Additional drive lever, left, Radio, Protective roof, Edge pressing and cutting equipment, Chip spreader, Anti-freeze injection, Frequency control, Speedometer, Automatic engine-off function, HAMM Temperature Meter (HTM), Track offset display, Back-up alarm, Working light, Rotating beacon, Drum edge lighting

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