

# HD+ 80i VV-S

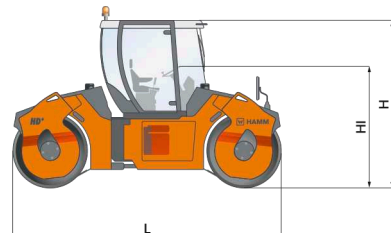
Tandem roller with two vibrating roller drums  
Tandem rollers Series HD+ / Series H272



## HIGHLIGHTS HD+

- > 3-point articulation for even weight distribution and excellent directional stability
- > 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

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 V /  
EPA Tier 4

TECHNICAL DATA		Unit	HD+ 80i VV-S
	<b>Weights</b>		
Operating weight with cab	kg • lbs		8030 • 17,706
Operating weight with ROPS	kg • lbs		7860 • 17,331
Operating weight, max.	kg • lbs		10480 • 23,108
Static linear load, front/rear	kg/cm • lbs/in		24,3/23,5 • 136.1/131.6
French classific., data/class			17,5/VT0
	<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		17/17 • 0.70/0.7
Drum type, front			Smooth/split
Drum type, rear			Smooth/split
Track offset, left/right	mm • in		135 • 5.3
	<b>Diesel engine</b>		
Manufacturer			DEUTZ
Type			TCD 2.9 L4
Power rat. ISO 14396, kW/PS/rpm			55,4/75,3/2300
Power rating SAE J1349, kW/HP/rpm			55,4/74,2/2300
Emission standard			EU Stage V / EPA Tier 4
Exhaust gas after-treatment			DOC-DPF
	<b>Drive</b>		
Speed, infinitely variable	km/h • mph		0 - 10,9 • 0.0 - 6.8
Regulation, infinitely variable			Hammtronic
Climbing ability, vibration on/off	%		39/44
	<b>Vibration</b>		
Vibration frequency, front, I/II	Hz • vpm		42/50 • 2,520/3,000
Vibration frequency, rear, I/II	Hz • vpm		42/50 • 2,520/3,000
Amplitude, front, I/II	mm • in		0,52/0,36 • .020/.014
Amplitude, rear, I/II	mm • in		0,52/0,36 • .020/.014
Centrifugal force, front, I/II	kN • lbs		63/63 • 14,175/14,175
Centrifugal force, rear, I/II	kN • lbs		63/63 • 14,175/14,175
	<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	db(A)		106
Acoustic power LW(A), measured	db(A)		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

#### OPTIONAL EQUIPMENT

Heating, Heating and air conditioning, Steering column with comfort exit and tilttable dashboard, Additional drive lever, left, Tachograph, HCQ navigator, Protective roof, Edge pressing and cutting equipment, HAMM Temperature Meter (HTM), Track offset display, Working light, Rotating beacon

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