

HD+ 80i VO

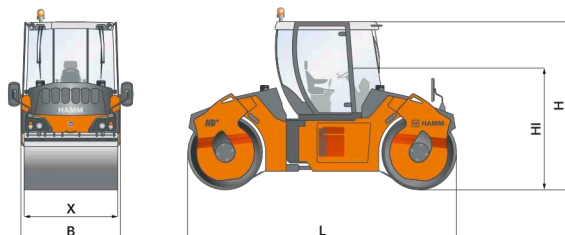
Tandem roller with vibrating roller drum and oscillation drum
Tandem rollers Series HD+ / Series H272



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 V /
EPA Tier 4

TECHNICAL DATA		Unit	HD+ 80i VO
	Weights		
	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
	Machine dimensions		
	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
	Drum dimensions		
	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 • 0.70/0.8
	Drum type, front		Smooth/non-split
	Drum type, rear		Smooth/non-split
	Track offset, left/right	mm • in	135 • 5.3
	Diesel engine		
	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
	Drive		
	Speed, infinitely variable	km/h • mph	0 - 9,8 • 0.0 - 6.1
	Regulation, infinitely variable		Hammtronic
	Climbing ability, vibration on/off	%	42/47
	Vibration		
	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
	Oscillation		
	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
	Steering		
	Oscillation angle +/-	°	10
	Steering, type		Articulated steering
	Sprinkler system		
	Water sprinkler, type		Pressure
	Tank capacity/Fill capacity		
	Fuel tank, capacity	L • Gal	120 • 31.7
	Water tank, capacity	L • Gal	700 • 184.9
	Sound level		
	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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