

HD+ 140i VV-HF

Tandem roller with two vibrating roller drums
Tandem rollers Series HD+ / Series H243



HIGHLIGHTS HD+

- > Diesel engine with high power and low sound level
- > Pressure sprinkler system with 2 water pumps, spray nozzles visible from driver seat
- > Driver seat including steering wheel and instrument panel can be rotated and moved
- > Clear view of drum surface, its outer edge and working environment
- > Hydrostatic all-wheel drive for excellent hill climbing ability
- > Crab steering to increase working width













Machine dimensions

Total length (L)	mm • in	5300 • 208.7
Width (B)	mm • in	2260 • 89.0
Total height (H)	mm • in	2980 • 117.3
Drum width (X)	mm • in	2140/2140 • 84.3/84.3
Height, loading, min. (Hl)	mm • in	2140 • 84.3



EU Stage
IV/EPA Tier
4

TECHNICAL DATA		Unit	HD+ 140i VV-HF
	Weights		
	Operating weight with cab	kg • lbs	12875 • 28,389
	Operating weight with ROPS	kg • lbs	12635 • 27,860
	Operating weight, max.	kg • lbs	13790 • 30,407
	Static linear load, front/rear	kg/cm • lbs/in	30,2/30,0 • 169.1/168.0
	Machine dimensions		
	Total length	mm • in	5300 • 208.7
	Total height with cab	mm • in	2980 • 117.3
	Height, loading, min.	mm • in	2140 • 84.3
	Wheelbase	mm • in	3900 • 153.5
	Total width with cab	mm • in	2260 • 89.0
	Max. working width	mm • in	2310 • 90.9
	Ground clearance, left/right	mm • in	900/900 • 35.4/35.4
	Turning radius, inside	mm • in	6200 • 244.1
	Drum dimensions		
	Drum width, front/rear	mm • in	2140/2140 • 84.3/84.3
	Drum diameter, front/rear	mm • in	1400/1400 • 55.1/55.1
	Drum thickness, front/rear	mm • in	19/19 • 0.7/0.7
	Drum type, front		smooth/nondivided
	Drum type, rear		smooth/nondivided
	Track offset, left/right	mm • in	170 • 6.7
	Diesel engine		
	Manufacturer		DEUTZ
	Type		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
	Emissions standard EU/USA		EU Stage IV/EPA Tier 4
	Exhaust gas after-treatment		DOC-DPF-SCR
	Drive		
	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
	Vibration		
	Vibration frequency, front, I/II	Hz • vpm	45/67 • 2,700/4,020
	Vibration frequency, rear, I/II	Hz • vpm	45/67 • 2,700/4,020
	Amplitude, front, I/II	mm • in	0,68/0,26 • .027/.010
	Amplitude, rear, I/II	mm • in	0,68/0,26 • .027/.010
	Centrifugal force, front, I/II	kN • lbs	180/150 • 40,500/33,750
	Centrifugal force, rear, I/II	kN • lbs	180/150 • 40,500/33,750
	Steering		
	Oscillation angle +/-		10
	Steering, type		Articulated steering
	Sprinkler system		
	Water sprinkler, type		Pressure
	Tank capacity/Fill capacity		
	Fuel tank, capacity	L • Gal	260 • 68.7
	AdBlue/DEF tank, content	L • Gal	20 • 5.3
	Water tank, capacity	L • Gal	1145 • 302.5
	Sound level		
	Acoustic power LW(A), sticker		109
	Acoustic power LW(A), measured		108

EQUIPMENT

2 water pumps, Foldable scraper, Tilttable dashboard, Operating concept Easy Drive, Spring-mounted driver's seat with armrests and safety belt, Hammtronic—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, Handrail at operator's platform

OPTIONAL EQUIPMENT

Working light, Back-up alarm, Frequency control, Anti-freeze injection, Speedometer, HAMM Temperature Meter, HCQ-GPS compaction documentation, preparation, HAMM Compaction Meter, Heating and air conditioning, Heating, Track offset display, Edge pressing and cutting equipment, Radio, ROPS, rigid, Rotating beacon, Protective roof, Rear area camera, ROPS cabin with split doors, Telematics interface, Automatic engine-off function, Drum edge lighting, Steering column with comfort exit and tilttable dashboard, Multifunction armrest, right, foldable, ROPS cabin with non-split doors

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