

HD+ 70i VO

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



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
- > Crab steering to increase working width
- > Hydrostatic all-wheel drive for excellent hill climbing ability













Machine dimensions

Total length (L)	mm • in	4480 • 176.4
Width (B)	mm • in	1620 • 63.8
Total height (H)	mm • in	2890 • 113.8
Drum width (X)	mm • in	1500/1500 • 59.1/59.1
Height, loading, min. (Hl)	mm • in	2080 • 81.9



EU Stage
IIIB/EPA
Tier 4

TECHNICAL DATA		Unit	HD+ 70i VO
	Weights		
	Operating weight with cab	kg • lbs	7430 • 16,383
	Operating weight with ROPS	kg • lbs	7260 • 16,008
	Operating weight, max.	kg • lbs	9880 • 21,785
	Static linear load, front/rear	kg/cm • lbs/in	25,0/25,0 • 140.0/140.0
	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	1790 • 70.5
	Max. working width	mm • in	1635 • 64.4
	Ground clearance, left/right	mm • in	750/750 • 29.5/29.5
	Turning radius, inside	mm • in	4230 • 166.5
	Drum dimensions		
	Drum width, front/rear	mm • in	1500/1500 • 59.1/59.1
	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/nondivided
	Drum type, rear		smooth/nondivided
	Track offset, left/right	mm • in	135 • 5.3
	Diesel engine		
	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
	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	48/58 • 2,880/3,480
	Amplitude, front, I/II	mm • in	0,63/0,35 • .025/.014
	Centrifugal force, front, I/II	kN • lbs	84/69 • 18,900/15,525
	Oscillation		
	Oscillation force, rear, I/II	kN • lbs	80/116 • 18,000/26,100
	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		106
	Acoustic power LW(A), measured		105

EQUIPMENT

2 water pumps, Foldable scraper, Dashboard with displays, indicator lights and switches, Tilttable dashboard, 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 front, rear, and double switchable, 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, Additional drive lever, left, Frequency control, Anti-freeze injection, Speedometer, HAMM Temperature Meter, HAMM Compaction Meter, Heating and air conditioning, Heating, Track offset display, Edge pressing and cutting equipment, Radio, ROPS, rigid, Rotating beacon, Protective roof, Thermal aprons, Chip spreader, Rear area camera, HCQ Navigator, ROPS cabin with split doors, Telematics interface, Automatic engine-off function, Drum edge lighting, Steering column with comfort exit and tilttable dashboard, ROPS cabin with non-split doors

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