

# HD 13i VO

Tandem roller with vibrating roller drum and oscillation drum

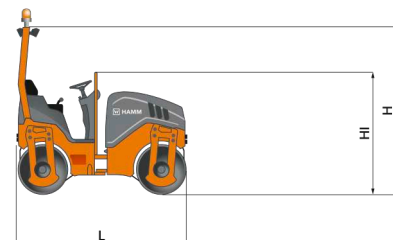
Tandem rollers Series HD CompactLine / Series H285














## HIGHLIGHTS HD CompactLine

- > Simple, intuitive and language-neutral control
- > Ergonomic driver platform
- > Excellent view of drum edge, machine and construction site environment
- > Compact dimensions
- > Compaction with oscillation

Machine dimensions		
Total length (L)	mm • in	2965 • 116.7
Width (B)	mm • in	1426 • 56.1
Total height (H)	mm • in	2590 • 102.0
Drum width (X)	mm • in	1300/1300 • 51.2/51.2
Height, loading, min. (HI)	mm • in	1820 • 71.7



EU Stage V /  
EPA Tier 4

TECHNICAL DATA		Unit	HD 13i VO
	<b>Weights</b>		
Operating weight with cab	kg • lbs	4485 • 9,889	
Operating weight with ROPS	kg • lbs	4235 • 9,338	
Basic weight no cab, without ROPS	kg • lbs	3915 • 8,633	
Operating weight, max.	kg • lbs	5430 • 11,973	
Axle load, front/rear	kg • lbs	2120/2115 • 4,675/4,664	
Static linear load, front/rear	kg/cm • lbs/in	16,3/16,3 • 91.3/91.3	
French classific., data/class		10,8/VT0	
	<b>Machine dimensions</b>		
Total length	mm • in	2965 • 116.7	
Total height with cab	mm • in	2720 • 107.1	
Total height with ROPS	mm • in	2590 • 102.0	
Height, loading, min.	mm • in	1820 • 71.7	
Total length with cabin	mm • in	2977 • 117.2	
Wheelbase	mm • in	1950 • 76.8	
Axle spacing with cabin	mm • in	1960 • 77.2	
Total width	mm • in	1426 • 56.1	
Max. working width	mm • in	1350 • 53.1	
Ground clearance, center	mm • in	305 • 12.0	
Curb clearance, left/right	mm • in	720/720 • 28.3/28.3	
Turning radius, inside	mm • in	2690 • 105.9	
	<b>Drum dimensions</b>		
Drum width, front/rear	mm • in	1300/1300 • 51.2/51.2	
Drum diameter, front/rear	mm • in	900/900 • 35.4/35.4	
Drum thickness, front/rear	mm • in	17/17 • 0.7/0.7	
Drum type, front		Smooth/non-split	
Drum type, rear		Smooth/non-split	
Track offset, left/right	mm • in	0/50 • 0.0/2.0	
	<b>Diesel engine</b>		
Manufacturer		KUBOTA	
Type		V2403-CR	
Number of cylinders		4	
Power rat. ISO 14396, kW/PS/rpm		37.4/50,9/2700	
Power rating SAE J1995, kW/HP/rpm		37,4/50,1/2700	
Emission standard		EU Stage V / EPA Tier 4	
Exhaust gas after-treatment		DOC-DPF	
	<b>Drive</b>		
Speed, infinitely variable	km/h • mph	0 - 11,0 • 0.0 - 6.8	
Climbing ability, vibration on/off	%	30/40	
	<b>Vibration</b>		
Vibration frequency, front, I/II	Hz • vpm	60/51 • 3,600/3,060	
Amplitude, front, I/II	mm • in	0,51/0,31 • .020/.012	
Centrifugal force, front, I/II	kN • lbs	64/39 • 14,400/8,775	
	<b>Oscillation</b>		
Oscillation force, rear, I/II	kN • lbs	72/43 • 16,200/9,675	
Oscillation frequency, rear, I/II	Hz • vpm	39/30 • 2,340/1,800	
Tangential amplitude, rear, I/II	mm • in	1,44/1,44 • .057/.057	
	<b>Steering</b>		
Oscillation angle +/-	°	8	
Steering, type		Articulated steering	
	<b>Sprinkler system</b>		
Water sprinkler, type		Pressure	
	<b>Tank capacity/Fill capacity</b>		
Fuel tank, capacity	L • Gal	73 • 19.3	
Water tank, capacity	L • Gal	285 • 75.3	
	<b>Sound level</b>		
Acoustic power LW(A), sticker	db(A)	104	
Acoustic power LW(A), measured	db(A)	102	

#### EQUIPMENT

12 V outlet, 3-point articulation, Dashboard with displays, indicator lights and switches, Dashboard cover, lockable and weather-resistant, Pressure water sprinkling with interval switch, Operator's platform with entry from both sides, Left and right drive lever, V-belt protection, Mechanical battery isolation switch, Track offset, mechanical, Automatic vibration system, Water filtering (triple), Central water drain, CompactLine front suspension eyelet

#### OPTIONAL EQUIPMENT

Plastic scraper, foldable, ROPS cabin with heating, , Safety belt monitoring device, Radio, Protective roof, Edge pressing and cutting equipment, Chip spreader, Compaction meter HCQ, HAMM Temperature Meter (HTM), Back-up alarm, Telematics system, interface, Working light, Rotating beacon, Battery isolating switch, Bonnet with sound insulation, Additional mirror, Tool kit, Drum edge lighting

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