

# 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
	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

#### WIRTGEN AMERICA

6030 Dana Way  
 Antioch, TN 37013  
 Phone +1 615-501-0600  
 Fax +1 615-501-0691  
 info.america@wirtgen-group.com  
 www.wirtgen-group.com/america

#### HAMM AG

Hammstraße 1  
 D-95643 Tirschenreuth  
 Tel +49 9631 80-0  
 Fax +49 9631 80-111  
 www.hamm.eu

