

# HD 12i VO

Tandem roller with vibrating roller drum and oscillation drum

Tandem rollers Series HD CompactLine / Series H251

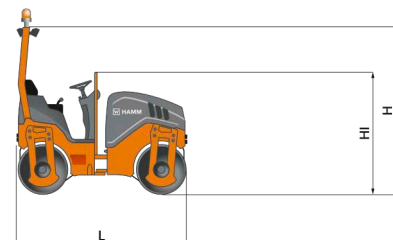


## HIGHLIGHTS HD CompactLine












- > 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	2530 • 99.6
Width (B)	mm • in	1310 • 51.6
Total height (H)	mm • in	2475 • 97.4
Drum width (X)	mm • in	1200/1200 • 47.2/47.2
Height, loading, min. (HI)	mm • in	1752 • 69.0



EU Stage V /  
EPA Tier 4

TECHNICAL DATA		Unit	HD 12i VO
	<b>Weights</b>		
	Operating weight with ROPS	kg • lbs	2755 • 6,075
	Operating weight, max.	kg • lbs	3470 • 7,651
	Static linear load, front/rear	kg/cm • lbs/in	11,1/11,8 • 62.2/66.1
	French classific., data/class		11,8/PV3
	<b>Machine dimensions</b>		
	Total length	mm • in	2530 • 99.6
	Total height with ROPS	mm • in	2475 • 97.4
	Height, loading, min.	mm • in	1752 • 69.0
	Wheelbase	mm • in	1700 • 66.9
	Total width	mm • in	1310 • 51.6
	Max. working width	mm • in	1250 • 49.2
	Curb clearance, left/right	mm • in	570/570 • 22.4/22.4
	Turning radius, inside	mm • in	2370 • 93.3
	<b>Drum dimensions</b>		
	Drum width, front/rear	mm • in	1200/1200 • 47.2/47.2
	Drum diameter, front/rear	mm • in	720/720 • 28.3/28.3
	Drum thickness, front/rear	mm • in	15/15 • 0.6/0.6
	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		D1803-CR
	Number of cylinders		3
	Power rat. ISO 14396, kW/PS/rpm		24.0/32,6/2200
	Power rating SAE J1995, kW/HP/rpm		24,0/32,2/2200
	Emission standard		EU Stage V / EPA Tier 4
	Exhaust gas after-treatment		DOC-DPF
	<b>Drive</b>		
	Speed, infinitely variable	km/h • mph	0 - 10,6 • 0.0 - 6.6
	Climbing ability, vibration on/off	%	35/40
	<b>Vibration</b>		
	Vibration frequency, front, I/II	Hz • vpm	65/51 • 3,900/3,060
	Amplitude, front, I/II	mm • in	0,45/0,45 • .018/.018
	Centrifugal force, front, I/II	kN • lbs	49/30 • 11,025/6,750
	<b>Oscillation</b>		
	Oscillation force, rear, I/II	kN • lbs	39/23 • 8,775/5,175
	Oscillation frequency, rear, I/II	Hz • vpm	38/29 • 2,280/1,740
	Tangential amplitude, rear, I/II	mm • in	1,14/1,14 • .045/.045
	<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	42 • 11.1
	Water tank, capacity	L • Gal	180 • 47.6
	<b>Sound level</b>		
	Acoustic power LW(A), sticker	db(A)	106
	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, Mechanical battery isolation switch, Track offset, mechanical, Automatic vibration system, Water filtering (triple), Central lifting bracket, Central water drain, Lighting package as per road traffic regulations

#### OPTIONAL EQUIPMENT

Plastic scraper, foldable, ROPS, foldable, Safety belt monitoring device, Protective roof, Edge pressing and cutting equipment, Edge pressing and cutting equipment, track indicator, Chip spreader, All-wheel lock, Anti-freeze injection, HAMM Compaction Meter (HCM), Automatic engine-off function, HAMM Temperature Meter (HTM), Telematics system, interface, Working light, Rotating beacon, Drum edge lighting, Cup holder, Water drain valve, Tow eye, front, Tow hitch

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