

HD 13i VO

Tandem roller with vibrating roller drum and oscillation drum

Tandem rollers Series HD CompactLine / Series H231



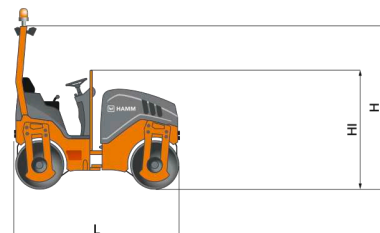
HIGHLIGHTS HD CompactLine

- > 3-point swivel joint for optimum driving comfort
- > Ergonomic driver platform
- > Low machine height
- > Convenient maintenance and service
- > Modern instrument panel
- > Optimum front view due to concaving front end
- > Good visibility — optimum view of drum's outer edges














Machine dimensions

Total length (L)	mm • in	2860 • 112.6
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
IIIB/EPA
Tier 4

TECHNICAL DATA		Unit	HD 13i VO
	Weights		
	Operating weight with ROPS	kg • lbs	4235 • 9,338
	Operating weight, max.	kg • lbs	5430 • 11,973
	Static linear load, front/rear	kg/cm • lbs/in	16,3/16,3 • 91.3/91.3
	Machine dimensions		
	Total length	mm • in	2860 • 112.6
	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
	Wheelbase	mm • in	1950 • 76.8
	Total width	mm • in	1426 • 56.1
	Max. working width	mm • in	1350 • 53.1
	Ground clearance, left/right	mm • in	720/720 • 28.3/28.3
	Turning radius, inside	mm • in	2690 • 105.9
	Drum dimensions		
	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/nondivided
	Drum type, rear		smooth/nondivided
	Track offset, left/right	mm • in	0/50 • 0.0/2.0
	Diesel engine		
	Manufacturer		KUBOTA
	Type		V2403-CR
	Number of cylinders		4
	Power rat. ISO 14396, kW/PS/rpm		36,8/50,0/2700
	Power rating SAE J1995, kW/HP/rpm		36,8/49,3/2700
	Emissions standard EU/USA		EU Stage IIIB/EPA Tier 4
	Exhaust gas after-treatment		DOC-DPF
	Drive		
	Speed, infinitely variable	km/h • mph	0 - 11,0 • 0.0 - 6.8
	Climbing ability, vibration on/off		30/40
	Vibration		
	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
	Oscillation		
	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
	Steering		
	Oscillation angle +/-		8
	Steering, type		Articulated steering
	Sprinkler system		
	Water sprinkler, type		Pressure
	Tank capacity/Fill capacity		
	Fuel tank, capacity	L • Gal	73 • 19.3
	Water tank, capacity	L • Gal	285 • 75.3
	Sound level		
	Acoustic power LW(A), sticker		106
	Acoustic power LW(A), measured		103

EQUIPMENT
3-point articulation, Dashboard with displays, indicator lights and switches, Dashboard cover, lockable and weather-resistant, Handrails, Pressure water sprinkling with interval switch, Operator's platform with entry from both sides, Hydrostatic steering, Vibration-isolated operator's platform, Track offset, Vibration front and rear, switchable single and doubled, ROPS cabin with heating, Plastic scraper, foldable

OPTIONAL EQUIPMENT
Working light, Back-up alarm, Driver's seat with seat heating, black imitation leather, comfort equipment, Anti-freeze injection, ROPS, foldable, Rotating beacon, Protective roof, V-belt protection, Battery isolation switch, electronic, WIFMS fleet management interface, Drum edge lighting

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Further data on request / subject to change
Illustrations may contain optional features.