

# HD 12 VO

Tandem roller with vibrating roller drum and oscillation drum

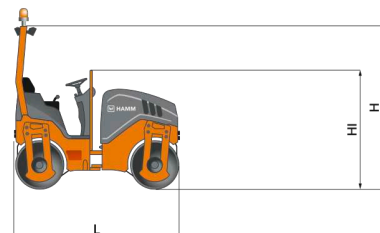
Tandem rollers Series HD CompactLine / Series H230














## 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
- > Central suspension point

Machine dimensions		
Total length (L)	mm • in	2460 • 96.9
Width (B)	mm • in	1310 • 51.6
Total height (H)	mm • in	2390 • 94.1
Drum width (X)	mm • in	1200/1200 • 47.2/47.2
Height, loading, min. (HI)	mm • in	1752 • 69.0



TECHNICAL DATA		Unit	HD 12 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
	<b>Machine dimensions</b>		
	Total length	mm • in	2460 • 96.9
	Total height with ROPS	mm • in	2390 • 94.1
	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
	Ground 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/nondivided
	Drum type, rear		smooth/nondivided
	Track offset, left/right	mm • in	0/50 • 0.0/2.0
	<b>Diesel engine</b>		
	Manufacturer		KUBOTA
	Type		D1703
	Number of cylinders		3
	Power rat. ISO 14396, kW/PS/rpm		18,5/25,2/2200
	Power rating SAE J1349, kW/HP/rpm		18,5/24,8/2200
	Emission standard		EPA Tier 4
	Exhaust gas after-treatment		-
	<b>Drive</b>		
	Speed, infinitely variable	km/h • mph	10,2 • 6.3
	Climbing ability, vibration on/off		35/40
	<b>Vibration</b>		
	Vibration frequency, front, I/II	Hz • vpm	67/52 • 4,020/3,120
	Amplitude, front, I/II	mm • in	0,45/0,45 • .018/.018
	Centrifugal force, front, I/II	kN • lbs	40/24 • 9,000/5,400
	<b>Oscillation</b>		
	Oscillation force, rear, I/II	kN • lbs	40/23 • 9,000/5,175
	Oscillation frequency, rear, I/II	Hz • vpm	39/30 • 2,340/1,800
	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		106
	Acoustic power LW(A), measured		105

**EQUIPMENT**  
3-point articulation, Dashboard with displays, indicator lights and switches, Dashboard cover, lockable and weather-resistant, Handrails, Battery isolation switch, 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, Central lifting bracket, Plastic scraper, foldable

**OPTIONAL EQUIPMENT**  
Working light, Back-up alarm, Anti-freeze injection, ROPS, foldable, Rotating beacon, Protective roof, plastic tarpaulin, V-belt protection, WIFMS fleet management interface, Drum edge lighting

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Tandem rollers / Series HD CompactLine EPA Tier 4/ HD 12 VO 05.17 2348007 en-US V3  
Further data on request / subject to change  
Illustrations may contain optional features.