

HD 13i VV

Tandem roller with two vibrating roller drums

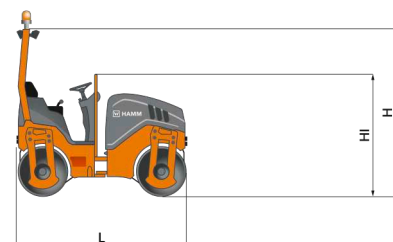
Tandem rollers Series HD CompactLine / Series H285













HIGHLIGHTS HD CompactLine

- > Simple, intuitive and language-neutral control
- > Simple transport, simple loading
- > Ergonomic driver platform
- > Excellent view of drum edge, machine and construction site environment
- > Compact dimensions

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 VV
	Weights		
Operating weight with cab	kg • lbs		4415 • 9,735
Operating weight with ROPS	kg • lbs		4165 • 9,184
Basic weight no cab, without ROPS	kg • lbs		3845 • 8,478
Operating weight, max.	kg • lbs		5360 • 11,819
Axle load, front/rear	kg • lbs		2120/2045 • 4,675/4,509
Static linear load, front/rear	kg/cm • lbs/in		16,3/15,7 • 91.3/87.9
French classific., data/class			11,1/VT0
	Machine dimensions		
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
	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/non-split
Drum type, rear			Smooth/non-split
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			37.4/50,9/2700
Emission standard			EU Stage V / 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
Vibration frequency, rear, I/II	Hz • vpm		60/51 • 3,600/3,060
Amplitude, front, I/II	mm • in		0,51/0,31 • .020/.012
Amplitude, rear, I/II	mm • in		0,51/0,31 • .020/.012
Centrifugal force, front, I/II	kN • lbs		64/39 • 14,400/8,775
Centrifugal force, rear, I/II	kN • lbs		64/39 • 14,400/8,775
	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	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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