

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 operation
- > Ergonomic driver platform
- > Excellent view of the drum edges, the machine and the construction site surroundings
- > Compact dimensions
- > Compaction with oscillation

Machine dimensions		
Total length (L)	mm	2965
Width (B)	mm	1426
Total height (H)	mm	2590
Drum width (X)	mm	1300/1300
Height loading, min. (HI)	mm	1820



EU Stage V /
EPA Tier 4

TECHNICAL DATA		Unit	HD 13i VO
	Weights		
	Operating weight with cab	kg	4485
	Operating weight with ROPS	kg	4235
	Basic weight no cab, without ROPS	kg	3915
	Operating weight, max.	kg	5430
	Axle load, front/rear	kg	2120/2115
	Static linear load, front/rear	kg/cm	16,3/16,3
	French classific., data/class		10,8/VT0
	Machine dimensions		
	Total length	mm	2965
	Total height with cab	mm	2720
	Total height with ROPS	mm	2590
	Height loading, min.	mm	1820
	Total length with cabin	mm	2977
	Wheel base	mm	1950
	Centre distance with cabin	mm	1960
	Total width	mm	1426
	Max. working width	mm	1350
	Ground clearance, centre	mm	305
	Kerb clearance, left/right	mm	720/720
	Turning radius, inside	mm	2690
	Drum dimensions		
	Drum width, front/rear	mm	1300/1300
	Drum diameter, front/rear	mm	900/900
	Drum thickness, front/rear	mm	17/17
	Drum type, front		Smooth/non-split
	Drum type, rear		Smooth/non-split
	Track offset, left/right	mm	0/50
	Diesel engine		
	Manufacturer		KUBOTA
	Version		V2403-CR
	Number of cylinders		4
	Power rat. ISO 14396, kW/PS/rpm		37.4/50,9/2700
	Power rating SAE J1995, kW/HP/rpm		37,4/50,1/2700
	Emission standard		EU Stage V / EPA Tier 4
	Exhaust gas after-treatment		DOC-DPF
	Drive		
	Speed, infinitely variable	km/h	0 - 11,0
	Climbing ability, vibration on/off	%	30/40
	Vibration		
	Vibration frequency, front, I/II	Hz	60/51
	Amplitude, front, I/II	mm	0,51/0,31
	Centrifugal force, front, I/II	kN	64/39
	Oscillation		
	Oscillation force, rear, I/II	kN	72/43
	Oscillation frequency, rear, I/II	Hz	39/30
	Tangential amplitude, rear, I/II	mm	1,44/1,44
	Steering		
	Oscillation angle +/-	°	8
	Steering, type		Articulated steering
	Sprinkler system		
	Water sprinkler, type		Pressure
	Tank capacity/Fill capacity		
	Fuel tank, capacity	L	73
	Water tank, capacity	L	285
	Sound level		
	Acoustic power LW(A), sticker	db(A)	104
	Acoustic power LW(A), measured	db(A)	102

EQUIPMENT

12 V socket, 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, Drive lever, left and right, 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, HCQ compaction meter, HAMM Temperature Meter (HTM), Back-up alarm (reversing), Telematics system, interface, Working lights, Rotating beacon, Battery isolating switch, Bonnet with sound insulation, Additional mirror, Tool kit, Drum edge lighting

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