

HD 14i 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 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	2965 • 116.7
Width (B)	mm • in	1506 • 59.3
Total height (H)	mm • in	2590 • 102.0
Drum width (X)	mm • in	1380/1380 • 54.3/54.3
Height, loading, min. (HI)	mm • in	1820 • 71.7



EU Stage V /
EPA Tier 4

TECHNICAL DATA		Unit	HD 14i VO
	Weights		
Operating weight with cab	kg • lbs	4785 • 10,551	
Operating weight with ROPS	kg • lbs	4535 • 10,000	
Basic weight no cab, without ROPS	kg • lbs	4215 • 9,294	
Operating weight, max.	kg • lbs	5730 • 12,635	
Axle load, front/rear	kg • lbs	2250/2280 • 4,961/5,027	
Static linear load, front/rear	kg/cm • lbs/in	16,3/16,5 • 91.3/92.4	
French classific., data/class		10,6/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	1506 • 59.3	
Max. working width	mm • in	1430 • 56.3	
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	2650 • 104.3	
	Drum dimensions		
Drum width, front/rear	mm • in	1380/1380 • 54.3/54.3	
Drum diameter, front/rear	mm • in	898/898 • 35.4/35.4	
Drum thickness, front/rear	mm • in	16/16 • 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	
	Diesel engine		
Manufacturer		KUBOTA	
Type		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 • 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	1,37/1,37 • .054/.054	
	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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