

Technical data

HD 14i VO



Tandem rollers Series HD CompactLine

Tandem roller with vibration and oscillation drum

H285

HIGHLIGHTS

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

TECHNICAL DATA HD 14i VO (H285)

Weights

Operating weight with cab	kg	4785
Operating weight with ROPS	kg	4535
Empty weight without cab, without ROPS	kg	4215
Max. operating weight	kg	5730
Axle load, front/rear	kg	2250/2280
Static linear load, front/rear	kg/cm	16,3/16,5
French classification, value/class		10,6/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 cab	mm	2977
Centre distance	mm	1950
Centre distance with cab	mm	1960
Total width	mm	1506
Maximum working width	mm	1430
Ground clearance, centre	mm	305
Kerb clearance, left/right	mm	720/720
Turning radius, inside	mm	2650

Drum dimensions

Drum width, front/rear	mm	1380/1380
Drum diameter, front/rear	mm	898/898
Drum thickness, front/rear	mm	16/16
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	0/50

Diesel engine

Manufacturer		KUBOTA
Model		V2403-CR
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		37,4/50,9/2700
Power SAE J1349, kW/HP/rpm		37,4/50,1/2700
Exhaust emission standard		EU Stage V / EPA Tier 4
Exhaust gas after-treatment		DOC-DPF

Travel drive

Speed, infinitely variable	km/h	0 - 11,0
Gradeability, with/without vibration	%	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	1,37/1,37

Steering

Steering, type		Articulated steering
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Water-sprinkling system

Water sprinkling, type		Pressure
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Tank capacity/filling capacity

Fuel tank, capacity	L	73
Water tank, capacity	L	285

Sound level

Sound power level L(WA), guaranteed	db(A)	106
Sound power level L(WA), representative measurement	db(A)	103

EQUIPMENT

12 V power socket | 3-point articulation | Dashboard with displays, indicator lights and switches | Dashboard cover, lockable and weather-resistant | Pressure water sprinkling system | Driver'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 filter system (3-fold) | Central water outlet | CompactLine front towing eye

OPTIONAL EQUIPMENT

Plastic scraper, folding | ROPS cab with heating | ROPS, folding | Seat belt monitoring device | Radio | Protective roof | Edge pressing and cutting equipment | Chip spreader | HCQ compaction meter | HAMM Temperature Meter (HTM) | Back-up alarm | Telematics system, interface | Working spotlights | Rotating beacon | Battery isolation switch | Engine hood with sound insulation | Additional mirror | Tool kit | Drum edge lighting