

Technical data

# HD 13i VO



**Tandem rollers Series HD CompactLine**

Tandem roller with vibration and oscillation drum

**H285**

## HIGHLIGHTS

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

## TECHNICAL DATA HD 13i VO (H285)

## Weights

Operating weight with cab	kg	4485
Operating weight with ROPS	kg	4235
Empty weight without cab, without ROPS	kg	3915
Maximum operating weight	kg	5430
Axle load, front/rear	kg	2120/2115
Static linear load, front/rear	kg/cm	16,3/16,3
French classification, value/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 cab	mm	2977
Centre distance	mm	1950
Centre distance with cab	mm	1960
Total width	mm	1426
Maximum 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
Model		V2403-CR-E5B
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		36,8/50,0/2700
Power SAE J1995, 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	1,44/1,44

## Steering

Pendulum angle +/-	°	8
Steering, type		Articulated steering

## 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 access 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