

Technical data

# HD 13i VT



**Tandem rollers Series HD CompactLine**  
Tandem roller with vibrating roller drum and set of wheels

H285

## HIGHLIGHTS

- > Excellent view of the drum edges, the machine and the construction site surroundings
- > Simple, intuitive and language-neutral operation
- > Easy transport, simple loading
- > Compact dimensions
- > Ergonomic driver platform

## TECHNICAL DATA HD 13i VT (H285)

## Weights

Operating weight with cab	kg	4165
Operating weight with ROPS	kg	3915
Empty weight without cab, without ROPS	kg	3595
Maximum operating weight	kg	5110
Axle load, front/rear	kg	2120/1795
Static linear load, front	kg/cm	16,3
French classification, value/class		10,8/VT0
Wheel load per tyre, rear	kg	448,5

## 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	m	2977
Centre distance	mm	1950
Centre distance with cab	mm	1960
Total width	mm	1426
Maximum working width	mm	1338
Ground clearance, centre	mm	305
Kerb clearance, left/right	mm	720/720
Turning radius, inside	mm	2690

## Drum dimensions

Drum width, front	mm	1300
Drum diameter, front	mm	900
Drum thickness, front	mm	17
Drum type, front		Smooth/non-split
Track offset, left/right	mm	0/50

## Tyre dimensions

Tyre size, rear		10.5/80-16
Width over tyres, rear	mm	1276
Number of tyres, rear		4

## 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

## 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
Additive tank, capacity	L	18

## 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 | Thermal aprons | 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