

Technical data

# HD 14i VT



## Tandem rollers Series HD CompactLine

Tandem roller with vibrating roller drum and set of wheels

H285

### HIGHLIGHTS

- > Excellent view of drum edge, machine and construction site environment
- > Compact dimensions
- > Simple, intuitive and language-neutral control
- > Simple transport, simple loading
- > Ergonomic driver platform

**TECHNICAL DATA HD 14i VT (H285)**

**Weights**

Operating weight with cab	kg lbs	4300 9,481
Operating weight with ROPS	kg lbs	4050 8,930
Empty weight without cab, without ROPS	kg lbs	3730 8,225
Maximum operating weight	kg lbs	5250 11,576
Axle load, front/rear	kg lbs	2255/1795 4,972/3,958
Static linear load, front	kg/cm lbs/in	16,3 91.3
French classification, value/class		10,6/VT0
Wheel load per tire, rear	kg lbs	448,8 990

**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 cab	mm in	2977 117.2
Center distance	mm in	1950 76.8
Center distance with cab	mm in	1960 77.2
Total width	mm in	1506 59.3
Maximum working width	mm in	1380 54.3
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	mm in	1380 54.3
Drum diameter, front	mm in	898 35.4
Drum thickness, front	mm in	16 0.6
Drum type, front		Smooth/non-split
Track offset, left/right	mm in	0/50 0.0/2.0

**Tire dimensions**

Tire size, rear		10.5/80-16
Width over tires, rear	mm in	1276 50.2

**Tire dimensions**

Number of tires, rear		4
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**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 mph	0 - 11,0 0.0 - 6.8
Gradeability, with/without vibration	%	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

**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 Gal	73 19.3
Water tank, capacity	L Gal	285 75.3
Additive tank, capacity	L Gal	18 4.8

**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