

Technical data

HD 12i VT



Tandem rollers Series HD CompactLine

Tandem roller with vibration drum and set of wheels

H251

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 12i VT (H251)

Weights

Operating weight with ROPS	kg lbs	2595 5,722
Max. operating weight	kg lbs	3320 7,321
Axle load, front/rear	kg lbs	1340/1255 2,955/2,767
Static linear load, front	kg/cm lbs/in	11,2 62.7
French classification, value/class		11,2/PV2

Machine dimensions

Total length	mm in	2530 99.6
Total height with ROPS	mm in	2475 97.4
Height loading, min.	mm in	1752 69.0
Center distance	mm in	1700 66.9
Total width	mm in	1310 51.6
Maximum working width	mm in	1220 48.0
Ground clearance, center	mm in	280 11.0
Curb clearance, left/right	mm in	570/570 22.4/22.4
Turning radius, inside	mm in	2370 93.3

Drum dimensions

Drum width, front	mm in	1200 47.2
Drum diameter, front	mm in	720 28.3
Drum thickness, front	mm in	15 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		9,5/65-15
Width over tires, rear	mm in	1140 44.9
Number of tires, rear		4

Diesel engine

Manufacturer		KUBOTA
Model		D1803-CR-E5B
Cylinders, quantity		3
Power ISO 14396, kW/PS/rpm		24,6/33,4/2400
Power SAE J1995, kW/HP/rpm		25,0/33,5/2400
Exhaust emissions category, EU		EU Stage 5

Diesel engine

Exhaust emissions category, USA		EPA Tier 4
Exhaust gas after-treatment		DOC-DPF

Travel drive

Speed, infinitely variable	km/h mph	0 - 10,5 0.0 - 6.5
Gradeability, with/without vibration	%	30/40

Vibration

Vibration frequency, front, level I/II	Hz vpm	65/51 3,900/3,060
Amplitude, front, level I/II	mm in	0,45/0,45 .018/.018
Centrifugal force, front, level I/II	kN lbs	49/30 11,025/6,750

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	42 11.1
Water tank, capacity	L Gal	180 47.6
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 | Mechanical battery isolation switch | Track offset, mechanical | Automatic vibration system | Water filter system (3-fold) | Central lifting bracket | Central water outlet | Lighting package for driving on public roads

OPTIONAL EQUIPMENT

Plastic scraper, folding | ROPS, foldable | Seat belt monitoring device | Protective roof | Edge pressing and cutting device | Edge pressing and cutting device, track indicator | Chip spreader | Thermal aprons | All-wheel lock | Anti-freeze injection | HAMM Compaction Meter (HCM) | Automatic engine stop | HAMM Temperature Meter (HTM) | Telematics system, interface | Working spotlights | Rotating beacon | Drum edge lighting | Cup holder | Water drain valve | Towing eye, front | Tow hitch