

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
------------------------	--	----------

**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 | 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 | Equipment Management | Seat belt monitoring device | Protective roof | Edge pressing and cutting device | Edge pressing and cutting device, track indicator | Water drain valve | All-wheel lock | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Working spotlights | Rotating beacon | Automatic engine stop | Tow hitch