

Technical data

# HD 12i VV



## Tandem rollers Series HD CompactLine

Tandem roller with two vibrating roller drums

H251

### HIGHLIGHTS

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

**TECHNICAL DATA HD 12i VV (H251)**

**Weights**

Operating weight with ROPS	kg lbs	2695 5,942
Maximum operating weight	kg lbs	3410 7,519
Static linear load, front/rear	kg/cm lbs/in	11,1/11,3 62.2/63.3
French classification, value/class		11,3/PV3

**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	1250 49.2
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/rear	mm in	1200/1200 47.2/47.2
Drum diameter, front/rear	mm in	720/720 28.3/28.3
Drum thickness, front/rear	mm in	15/15 0.6/0.6
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm in	0/50 0.0/2.0

**Diesel engine**

Manufacturer		Kubota
Model		D1803-CR-ESB
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 emission standard		EU Stage V / EPA Tier 4
Exhaust gas after-treatment		DOC-DPF

**Travel drive**

Speed, infinitely variable	km/h mph	0 - 10,6 0.0 - 6.6
Gradeability, with/without vibration	%	30/40

**Vibration**

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

**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 equipment | Edge pressing and cutting device, track indicator | Chip spreader | 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