

Technical data

HD 12i VO



Tandem rollers Series HD CompactLine

Tandem roller with vibration and oscillation drum

H251

HIGHLIGHTS

- > Compaction with oscillation
- > Compact dimensions
- > Excellent view of the drum edges, the machine and the construction site surroundings
- > Simple, intuitive and language-neutral operation
- > Ergonomic driver platform

TECHNICAL DATA HD 12i VO (H251)

Weights

Operating weight with ROPS	kg	2755
Max. operating weight	kg	3470
Axle load, front/rear	kg	1335/1420
Static linear load, front/rear	kg/cm	11,1/11,8
French classification, value/class		11,8/PV3

Machine dimensions

Total length	mm	2530
Total height with ROPS	mm	2475
Height loading, min.	mm	1752
Centre distance	mm	1700
Total width	mm	1310
Maximum working width	mm	1250
Ground clearance, centre	mm	280
Kerb clearance, left/right	mm	570/570
Turning radius, inside	mm	2370

Drum dimensions

Drum width, front/rear	mm	1200/1200
Drum diameter, front/rear	mm	720/720
Drum thickness, front/rear	mm	15/15
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	0/50

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

Travel drive

Speed, infinitely variable	km/h	0 - 10,6
Gradeability, with/without vibration	%	35/40

Vibration

Vibration frequency, front, level I/II	Hz	65/51
Amplitude, front, level I/II	mm	0,45/0,45
Centrifugal force, front, level I/II	kN	49/30

Oscillation

Oscillation force, rear, level I/II	kN	39/23
Oscillation frequency, rear, level I/II	Hz	38/29
Tangential amplitude, rear, level I/II	mm	1,14/1,14

Steering

Pendulum angle +/-	°	8
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Steering

Steering, type		Articulated steering
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Water-sprinkling system

Water sprinkling, type		Pressure
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Tank capacity/filling capacity

Fuel tank, capacity	L	42
Water tank, capacity	L	180

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 | All-wheel lock | Anti-freeze injection system | 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