

Technical data

HD 14 VO



Tandem rollers Series HD CompactLine

Tandem roller with vibration and oscillation drum

H201

HIGHLIGHTS

- > Excellent view of drum edge, machine and construction site environment
- > Ergonomic driver platform
- > Simple, intuitive and language-neutral control
- > Compact dimensions
- > Compaction with oscillation

TECHNICAL DATA HD 14 VO (H201)

Weights		
Operating weight with ROPS	kg lbs	4435 9,779
Max. operating weight	kg lbs	5640 12,436
Static linear load, front/rear	kg/cm lbs/in	15,8/16,4 88.5/91.8
French classification, value/class		10,2/VT0
Machine dimensions		
Total length	mm in	2896 114.0
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
Center distance	mm in	1950 76.8
Total width	mm in	1506 59.3
Maximum working width	mm in	1430 56.3
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/rear	mm in	1380/1380 54.3/54.3
Drum diameter, front/rear	mm in	898/898 35.4/35.4
Drum thickness, front/rear	mm in	16/16 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		V2203
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		34,6/47,1/2700
Power SAE J1349, kW/HP/rpm		34,6/46,4/2700
Exhaust emission standard		EU Stage 3A
Exhaust gas after-treatment		-
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, level I/II	Hz vpm	57/48 3,420/2,880
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Amplitude, front, level I/II	mm in	0,51/0,31 .020/.012
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Centrifugal force, front, level I/II	kN lbs	58/35 13,050/7,875
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Oscillation

Oscillation force, rear, level I/II	kN lbs	68/40 15,300/9,000
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Oscillation frequency, rear, level I/II	Hz vpm	38/29 2,280/1,740
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Tangential amplitude, rear, level I/II	mm in	1,37/1,37 .054/.054
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Steering

Pendulum angle +/-	°	8
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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 Gal	73 19.3
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Water tank, capacity	L Gal	260 68.7
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Sound level

Sound power level L(WA), guaranteed	db(A)	106
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Sound power level L(WA), representative measurement	db(A)	103
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EQUIPMENT

3-point articulation | Dashboard with displays, indicator lights and switches | Dashboard cover, lockable and weather-resistant | Left/right handrails | Pressure water sprinkling system | Driver's platform with access from both sides | Hydrostatic steering | Vibration-isolated driver's platform | Track offset

OPTIONAL EQUIPMENT

Plastic scraper, folding | ROPS, foldable | Edge pressing and cutting device | Chip spreader | Anti-freeze injection | Automatic engine stop | Back-up alarm | Working spotlights | Rotating beacon | Drum edge lighting | Water drain valve | Towing eye, front | Tow hitch | V-belt protection