

Technical data

HD 13 VO



Tandem rollers Series HD CompactLine

Tandem roller with vibration and oscillation drum

H201

HIGHLIGHTS

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

TECHNICAL DATA HD 13 VO (H201)

Weights

Operating weight with ROPS	kg lbs	4015 8,853
Max. operating weight	kg lbs	5230 11,532
Static linear load, front/rear	kg/cm lbs/in	15,4/15,5 86.2/86.8
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	1426 56.1
Maximum working width	mm in	1350 53.1
Curb clearance, left/right	mm in	720/720 28.3/28.3
Turning radius, inside	mm in	2690 105.9

Drum dimensions

Drum width, front/rear	mm in	1300/1300 51.2/51.2
Drum diameter, front/rear	mm in	900/900 35.4/35.4
Drum thickness, front/rear	mm in	17/17 0.7/0.7
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 IIIA
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

Amplitude, front, I/II	mm in	0,51/0,31 .020/.012
Centrifugal force, front, I/II	kN lbs	58/35 13,050/7,875

Oscillation

Oscillation force, rear, I/II	kN lbs	68/40 15,300/9,000
Oscillation frequency, rear, I/II	Hz vpm	38/29 2,280/1,740
Tangential amplitude, rear, I/II	mm in	1,44/1,44 .057/.057

Steering

Swing 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	73 19.3
Water tank, capacity	L Gal	260 68.7

Sound level

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

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 entry from both sides | Hydrostatic steering | Vibration-isolated driver's platform | Track offset

OPTIONAL EQUIPMENT

Plastic scraper, folding | ROPS, foldable | Edge pressing and cutting equipment | 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