

Technical data

HD 50 VO



Tandem rollers Series HD CompactLine

Tandem roller with vibration and oscillation drum

H295

HIGHLIGHTS

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

TECHNICAL DATA HD 50 VO (H295)

Weights

Operating weight with ROPS	kg lbs	4510 9,945
Empty weight without cab, without ROPS	kg lbs	4170 9,195
Max. operating weight	kg lbs	5500 12,127
Axle load, front/rear	kg lbs	2130/2380 4,697/5,248
Static linear load, front/rear	kg/cm lbs/in	15,4/17,2 86.2/96.3
French classification, value/class		10,0/VT0

Machine dimensions

Total length	mm in	2896 114.0
Total height with ROPS	mm in	2596 102.2
Height loading, min.	mm in	1829 72.0
Center distance	mm in	1950 76.8
Total width	mm in	1506 59.3
Maximum working width	mm in	1430 56.3
Ground clearance, center	mm in	302 11.9
Curb clearance, left/right	mm in	720/720 28.3/28.3
Turning radius, inside	mm in	2594 102.1

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		V2403-M-DI-E3B
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		36,0/49,0/2700
Power SAE J1349, kW/HP/rpm		36,0/48,2/2700
Exhaust emission standard		MEE IV
Exhaust emissions category		UN ECE R96 (Tier 3)
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
Amplitude, front, level I/II	mm in	0,51/0,31 .020/.012
Centrifugal force, front, level I/II	kN lbs	58/35 13,050/7,875

Oscillation

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

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	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

12 V power socket | 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 | Plastic scraper, folding | ROPS, folding

OPTIONAL EQUIPMENT

Protective roof | Edge pressing and cutting equipment | Track indicator | Water sprinkling system edge pressing and cutting equipment | Back-up alarm | Working spotlights | Rotating beacon