

Technical data

HD 50 VO



Tandem rollers Series HD CompactLine

Tandem roller with vibration and oscillation drum

H295

HIGHLIGHTS

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

TECHNICAL DATA HD 50 VO (H295)

Weights

Operating weight with ROPS	kg	4510
Empty weight without cab, without ROPS	kg	4170
Max. operating weight	kg	5500
Axle load, front/rear	kg	2130/2380
Static linear load, front/rear	kg/cm	15,4/17,2
French classification, value/class		10,0/VT0

Machine dimensions

Total length	mm	2896
Total height with ROPS	mm	2596
Height loading, min.	mm	1829
Centre distance	mm	1950
Total width	mm	1506
Maximum working width	mm	1430
Ground clearance, centre	mm	302
Kerb clearance, left/right	mm	720/720
Turning radius, inside	mm	2594

Drum dimensions

Drum width, front/rear	mm	1380/1380
Drum diameter, front/rear	mm	898/898
Drum thickness, front/rear	mm	16/16
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	0/50

Diesel engine

Manufacturer		Kubota
Model		V2403-M-DI-E3B
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		36,5/49,6/2700
Power SAE J1349, kW/HP/rpm		36,5/48,9/2700
Exhaust emission standard		MEE IV
Exhaust emissions category		UN ECE R96 (Tier 3)
Exhaust gas after-treatment		-

Travel drive

Speed, infinitely variable	km/h	0 - 11,0
Gradeability, with/without vibration	%	30/40

Vibration

Vibration frequency, front, I/II	Hz	57/48
Amplitude, front, I/II	mm	0,51/0,31
Centrifugal force, front, I/II	kN	58/35

Oscillation

Oscillation force, rear, I/II	kN	68/40
Oscillation frequency, rear, I/II	Hz	38/29
Tangential amplitude, rear, I/II	mm	1,37/1,37

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	73
Water tank, capacity	L	260

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 entry 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