

Technical data

HD 35 VO



Tandem rollers Series HD CompactLine

Tandem roller with vibrating roller drum and oscillation drum

H247

HIGHLIGHTS

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

TECHNICAL DATA HD 35 VO (H247)

Weights

Operating weight with ROPS	kg	2755
Operating weight, max.	kg	3470
Static linear load, front/rear	kg/cm	11,1/11,8
French classific., data/class		11,8/PV3

Machine dimensions

Total length	mm	2530
Height loading, min.	mm	1755
Wheel base	mm	1700
Total width	mm	1310
Max. working width	mm	1250
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
Version		D1503-M-ET03
Number of cylinders		3
Power rat. ISO 14396, kW/PS/rpm		22,6/30,7/2700
Power rating SAE J1349, kW/HP/rpm		22,6/30,3/2700
Emission standard		MEE III
Exhaust gas after-treatment		-

Drive

Speed, infinitely variable	km/h	0-12,0
Climbing ability, vibration on/off	%	35/40

Vibration

Vibration frequency, front, I/II	Hz	67/52
Amplitude, front, I/II	mm	0,52/0,52
Centrifugal force, front, I/II	kN	52/32

Oscillation

Oscillation force, rear, I/II	kN	40/23
Oscillation frequency, rear, I/II	Hz	39/30
Tangential amplitude, rear, I/II	mm	1,14/1,14

Steering

Oscillation angle +/-	°	8
Steering, type		Articulated steering

Sprinkler system

Water sprinkler, type		Pressure
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Tank capacity/Fill capacity

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

Sound level

Sound power level L(WA), guaranteed	db(A)	106
Acoustic power LW(A), measured	db(A)	-

EQUIPMENT

12 V socket | 3-point articulation | Dashboard with displays, indicator lights and switches | Dashboard cover, lockable and weather-resistant | Handrails | Battery isolation switch | Pressure water sprinkling with interval switch | Operator's platform with entry from both sides | Hydrostatic steering | Vibration-isolated operator's platform | Track offset | Vibration front and rear, switchable single and doubled | Central lifting bracket | Plastic scraper, foldable | ROPS, foldable

OPTIONAL EQUIPMENT

Protective roof | Edge pressing and cutting equipment | Track indicator | Water sprinkling system edge pressing and cutting equipment | Back-up alarm (reversing) | WIFMS fleet management interface | Working lights | Rotating beacon