

Technical data

HD 50 VT



Tandem rollers Series HD CompactLine
Tandem roller with vibrating roller drum and set of tyres

H290

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

TECHNICAL DATA HD 50 VT (H290)

Weights

Operating weight with ROPS	kg	4090
Basic weight no cab, without ROPS	kg	3745
Operating weight, max.	kg	5010
Axle load, front/rear	kg	2245/1845
Static linear load, front	kg/cm	16,3
French classific., data/class		10,6/VT0
Load per tyre, rear	kg	461,25

Machine dimensions

Total length	mm	2896
Total height with ROPS	mm	2594
Height loading, min.	mm	1829
Wheel base	mm	1950
Total width	mm	1506
Max. working width	mm	1380
Ground clearance, centre	mm	302
Kerb clearance, left/right	mm	720/720
Turning radius, inside	mm	2710

Drum dimensions

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

Wheel dimensions

Size of tyres, rear		10.5/80-16
Width over tyres, rear	mm	1276
Number of tyres, rear		4

Diesel engine

Manufacturer		KUBOTA
Version		V2203
Number of cylinders		4
Power rat. ISO 14396, kW/PS/rpm		34,6/47,1/2700
Power rating SAE J1349, kW/HP/rpm		34,6/46,4/2700
Emission standard		EU Stage IIIA
Exhaust gas after-treatment		-

Drive

Speed, infinitely variable	km/h	0 - 11,0
Climbing ability, vibration on/off	%	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

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	73
Water tank, capacity	L	260
Additive tank, capacity	L	18

Sound level

Sound power level L(WA), guaranteed	db(A)	106
Acoustic power LW(A), measured	db(A)	103

EQUIPMENT

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

OPTIONAL EQUIPMENT

Protective roof | Edge pressing and cutting equipment | Cutting disc | Back-up alarm (reversing) | Working lights | Rotating beacon | Tool kit