

Technical data

HD 50 VO



Tandem rollers Series HD CompactLine

Tandem roller with vibrating roller drum and oscillation drum

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
- > Compaction with oscillation

TECHNICAL DATA HD 50 VO (H290)

Weights

Operating weight with ROPS	kg	4560
Basic weight no cab, without ROPS	kg	4225
Operating weight, max.	kg	5460
Axle load, front/rear	kg	2210/2350
Static linear load, front/rear	kg/cm	16,0/17,0
French classific., data/class		10,4/VT0

Machine dimensions

Total length	mm	2896
Total height with ROPS	mm	2596
Height loading, min.	mm	1829
Wheel base	mm	1950
Total width	mm	1506
Max. 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
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

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

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

Tank capacity/Fill capacity

Fuel tank, capacity	L	73
Water tank, capacity	L	260

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