

Technical data

HD+ 80 VO



Tandem rollers Series HD+

Tandem roller with vibration and oscillation drum

H301

HIGHLIGHTS

- > Simple, intuitive and language-neutral operation
- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Excellent view of the machine and the construction site
- > Track offset for comfortable start up, moving away and compacting at curb edges
- > Compaction with oscillation

TECHNICAL DATA HD+ 80 VO (H301)

Weights

Operating weight with cab	kg	7975
Operating weight with ROPS	kg	7795
Empty weight without cab, without ROPS	kg	7080
Max. operating weight	kg	8650
Axle load, front/rear	kg	3930/4045
Static linear load, front/rear	kg/cm	23,39/24,08
French classification, value/class		17,03/VT0

Machine dimensions

Total length	mm	4480
Total height with cab	mm	2890
Total height with ROPS	mm	2970
Height loading, min.	mm	2080
Centre distance	mm	3340
Total width with cab	mm	1800
Maximum working width	mm	1815
Ground clearance, centre	mm	340
Kerb clearance, left/right	mm	750/750
Turning radius, inside	mm	4140

Drum dimensions

Drum width, front/rear	mm	1680/1680
Drum diameter, front/rear	mm	1140/1140
Drum thickness, front/rear	mm	17/19
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	135

Diesel engine

Manufacturer		DEUTZ
Model		TD 2.9 L4
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		55,4/75,3/2300
Power SAE J1349, kW/HP/rpm		55,4/74,2/2300
Exhaust emission standard		EU Stage IIIA / EPA Tier 3
Exhaust emissions category		UN ECE R96 (Tier 3)
Exhaust gas after-treatment		No

Travel drive

Speed, infinitely variable	km/h	0-9,7
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	40/44

Vibration

Vibration frequency, front, I/II	Hz	48/58
Amplitude, front, I/II	mm	0,55/0,30
Centrifugal force, front, I/II	kN	80/65

Oscillation

Oscillation force, rear, I/II	kN	85/125
Oscillation frequency, rear, I/II	Hz	33/40
Tangential amplitude, rear, I/II	mm	1,15/1,15

Steering

Steering, type		Articulated steering
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Water-sprinkling system

Water sprinkling, type		Pressure
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Tank capacity/filling capacity

Fuel tank, capacity	L	120
Water tank, capacity	L	700

Sound level

Sound power level L(WA), guaranteed	db(A)	106
Sound power level L(WA), representative measurement	db(A)	105

EQUIPMENT

12 V power socket | Two large exterior rear-view mirrors | Folding scraper | Dashboard with displays, indicator lights and switches | Tilttable dashboard | Pressure water sprinkling system | ECO mode | Driver's platform with entry from both sides | Speed-controlled water sprinkling | Speed preselect | Vibration-insulated driver's platform | Track offset, hydraulic | Water-sprinkling system with spray bars front and rear | Water filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet | Additive-sprinkling system for tyres, rear

OPTIONAL EQUIPMENT

Heating and air-conditioning system | Steering column with comfort exit and tilttable dashboard | Additional drive lever, left | Process data interface for third-party provider systems, asphalt construction | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Camera system | Telematics system | Working spotlights | Drum edge lighting