

Technical data

HD+ 80 VT



Tandem rollers Series HD+

Tandem roller with vibrating roller drum and set of wheels

H301

HIGHLIGHTS

- > Simple, intuitive and language-neutral control
- > 3-point articulation for even weight distribution and excellent directional stability
- > Excellent view of machine and construction site
- > Track offset for comfortable starting and driving away and compacting at curbsides
- > Seat-operating unit can be moved and rotated

TECHNICAL DATA HD+ 80 VT (H301)

Weights

Operating weight with cab	kg lbs	7465 16,460
Operating weight with ROPS	kg lbs	7285 16,063
Empty weight without cab, without ROPS	kg lbs	6570 14,487
Max. operating weight	kg lbs	8180 18,037
Axle load, front/rear	kg lbs	3930/3535 8,666/7,795
Static linear load, front	kg/cm lbs/in	23,39 131.0
French classification, value/class		19,4/VX1; 8,8/PLO
Wheel load per tire, rear	kg lbs	883,75 1,949

Machine dimensions

Total length	mm in	4480 176.4
Total height with cab	mm in	2890 113.8
Total height with ROPS	mm in	2970 116.9
Height loading, min.	mm in	2080 81.9
Center distance	mm in	3340 131.5
Total width with cab	mm in	1800 70.9
Maximum working width	mm in	1780 70.1
Ground clearance, center	mm in	340 13.4
Curb clearance, left/right	mm in	750/750 29.5/29.5
Turning radius, inside	mm in	4140 163.0

Drum dimensions

Drum width, front	mm in	1680 66.1
Drum diameter, front	mm in	1140 44.9
Drum thickness, front	mm in	17 0.7
Drum type, front		Smooth/non-split
Track offset, left/right	mm in	135 5.3

Tire dimensions

Tire size, rear		11.00-20
Width over tires, rear	mm in	1614 63.5
Number of tires, rear		4

Diesel engine

Manufacturer		DEUTZ
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Diesel engine

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 mph	0-9,75 0.0-6.1
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	43/48

Vibration

Vibration frequency, front, I/II	Hz vpm	48/58 2,880/3,480
Amplitude, front, I/II	mm in	0,55/0,30 .022/.012
Centrifugal force, front, I/II	kN lbs	80/65 18,000/14,625

Steering

Swing angle +/-	°	10
Steering, type		Articulated steering

Water-sprinkling system

Water sprinkling, type		Pressure
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Tank capacity/filling capacity

Fuel tank, capacity	L Gal	120 31.7
Water tank, capacity	L Gal	700 184.9
Additive tank, capacity	L Gal	18 4.8

Sound level

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

EQUIPMENT

Heating and air-conditioning system | Steering column with comfort exit and tiltable dashboard | Additional drive lever, left | Process data interface for third-party provider systems, asphalt construction | Edge pressing and cutting equipment | Thermal aprons | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Camera system | Telematics system | Working spotlights | Drum edge lighting filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet | Additive-sprinkling system for tires, rear

OPTIONAL EQUIPMENT