

Technical data

HD+ 80 VO



Tandem rollers Series HD+

Tandem roller with vibration and oscillation drum

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
- > Compaction with oscillation

TECHNICAL DATA HD+ 80 VO (H301)

Weights

Operating weight with cab	kg lbs	7975 17,585
Operating weight with ROPS	kg lbs	7795 17,188
Empty weight without cab, without ROPS	kg lbs	7080 15,611
Max. operating weight	kg lbs	8650 19,073
Axle load, front/rear	kg lbs	3930/4045 8,666/8,919
Static linear load, front/rear	kg/cm lbs/in	23,39/24,08 131.0/134.8
French classification, value/class		17,03/VT0

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	1815 71.5
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/rear	mm in	1680/1680 66.1/66.1
Drum diameter, front/rear	mm in	1140/1140 44.9/44.9
Drum thickness, front/rear	mm in	17/19 0.7/0.7
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm in	135 5.3

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

Diesel engine

Exhaust emissions category		UN ECE R96 (Tier 3)
Exhaust gas after-treatment		No

Travel drive

Speed, infinitely variable	km/h mph	0-9,7 0.0-6.0
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	40/44

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

Oscillation

Oscillation force, rear, I/II	kN lbs	85/125 19,125/28,125
Oscillation frequency, rear, I/II	Hz vpm	33/40 1,980/2,400
Tangential amplitude, rear, I/II	mm in	1,15/1,15 .045/.045

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

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 | 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