

Technical data

HD+ 80i VV



Tandem rollers Series HD+

Tandem roller with two vibrating roller drums

H272

HIGHLIGHTS

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

TECHNICAL DATA HD+ 80i VV (H272)

Weights

Operating weight with cab	kg lbs	7710 17,001
Operating weight with ROPS	kg lbs	7540 16,626
Max. operating weight	kg lbs	10160 22,403
Static linear load, front/rear	kg/cm lbs/in	23,22/22,4 130.0/125.4
French classification, value/class		16,91/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	17/17 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		TCD 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 V / EPA Tier 4
Exhaust gas after-treatment		DOC-DPF

Travel drive

Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	41/46

Vibration

Vibration frequency, front, I/II	Hz vpm	48/58 2,880/3,480
Vibration frequency, rear, I/II	Hz vpm	48/58 2,880/3,480
Amplitude, front, I/II	mm in	0,54/0,3 .021/.012
Amplitude, rear, I/II	mm in	0,54/0,3 .021/.012
Centrifugal force, front, I/II	kN lbs	76,8/62,7 17,280/14,108
Centrifugal force, rear, I/II	kN lbs	76,8/62,7 17,280/14,108

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

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 | Automatic traction control and anti-slip control | 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

OPTIONAL EQUIPMENT

Heating | Heating and air conditioning | Steering column with comfort exit and tilttable dashboard | Additional drive lever, left | Tachograph | | Protective roof | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Track offset display | Working light | Rotating beacon