

Technical data

HD+ 80i VT-S



Tandem rollers Series HD+

Tandem roller with vibrating roller drum and set of wheels

H272

HIGHLIGHTS

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

TECHNICAL DATA HD+ 80i VT-S (H272)

Weights

Operating weight with cab	kg lbs	7540 16,626
Operating weight with ROPS	kg lbs	7370 16,251
Max. operating weight	kg lbs	10000 22,050
Static linear load, front	kg/cm lbs/in	24,17 135.3
French classification, value/class		17,5.8,6/VX0.PLO

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/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
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

Diesel engine

Exhaust emission standard		EU Stage V / EPA Tier 4
Exhaust gas after-treatment		DOC-DPF

Travel drive

Speed, infinitely variable	km/h mph	0 - 10,4 0.0 - 6.5
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	40/45

Vibration

Vibration frequency, front, I/II	Hz vpm	42/50 2,520/3,000
Amplitude, front, I/II	mm in	0,54/0,37 .021/.015
Centrifugal force, front, I/II	kN lbs	63,2/62,6 14,220/14,085

Steering

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

Water-sprinkling system

Water sprinkling, type		Pressure
------------------------	--	----------

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

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