

Technical data

HD+ 80i VT-S



Tandem rollers Series HD+

Tandem roller with vibration drum and set of wheels

H302

HIGHLIGHTS

- > Operating concept Easy Drive
- > 3-point articulation for even weight distribution and excellent directional stability
- > Innovative cabin concept for optimal visibility and high comfort
- > Seat-operating unit can be moved and rotated
- > Digital ready

TECHNICAL DATA HD+ 80i VT-S (H302)

Weights

Operating weight with cab	kg lbs	7615 16,791
Operating weight with ROPS	kg lbs	7435 16,394
Empty weight without cab, without ROPS	kg lbs	6720 14,818
Max. operating weight	kg lbs	10270 22,645
Axle load, front/rear	kg lbs	4080/3535 8,996/7,795
Static linear load, front	kg/cm lbs/in	24,27 135.9
French classification, value/class		19,3/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/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
--------------	--	-------

Diesel engine

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

Speed, infinitely variable	km/h mph	0 - 10,0 0.0 - 6.2
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	42/47

Vibration

Vibration frequency, front, level I/II	Hz vpm	42/50 2,520/3,000
Amplitude, front, level I/II	mm in	0,55/0,40 .022/.016
Centrifugal force, front, level I/II	kN lbs	65/65 14,625/14,625

Steering

Pendulum 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

Dashboard tiltable | Pressure water sprinkling system | ECO mode |
Speed preselect | Vibration-insulated driver's platform | Track offset,
hydraulic | Water filter system (3-fold) | Central water outlet

OPTIONAL EQUIPMENT

ROPS, rigid | Steering column with comfort exit and tiltable dashboard |
Protective roof | Tachograph | Bluetooth interface for Smart Doc | Smart
Receiver | Edge pressing and cutting device | Thermal aprons | HAMM
Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Working
spotlights | Rotating beacon