

Technical data

# HD+ 80i VT



## Tandem rollers Series HD+

Tandem roller with vibrating roller 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 (H302)**

**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	10120 22,315
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
--------------	--	-------

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

**Vibration**

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

**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**

Heating and air-conditioning system | Steering column with comfort exit and tiltable dashboard | Tachograph | Bluetooth interface for Smart Doc | Protective roof | Edge pressing and cutting equipment | Thermal aprons | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | JDLink | Working spotlights | Rotating beacon