

Technical data

# HD+ 70 VT



## Tandem rollers Series HD+

Tandem roller with vibrating roller drum and set of wheels

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
- > Seat-operating unit can be moved and rotated

**TECHNICAL DATA HD+ 70 VT (H301)**

**Weights**

Operating weight with cab	kg lbs	7190 15,854
Operating weight with ROPS	kg lbs	7010 15,457
Empty weight without cab, without ROPS	kg lbs	6295 13,880
Max. operating weight	kg lbs	7900 17,419
Axle load, front/rear	kg lbs	3755/3435 8,280/7,574
Static linear load, front	kg/cm lbs/in	25,03 140.2
French classification, value/class		21,5/VX1; 8,6/PLO
Wheel load per tire, rear	kg lbs	858,75 1,894

**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	1790 70.5
Maximum working width	mm in	1595 62.8
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	4230 166.5

**Drum dimensions**

Drum width, front	mm in	1500 59.1
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	1420 55.9
Number of tires, rear		4

**Diesel engine**

Manufacturer		DEUTZ
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**Diesel engine**

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

**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, I/II	Hz vpm	48/58 2,880/3,480
Amplitude, front, I/II	mm in	0,60/0,35 .024/.014
Centrifugal force, front, I/II	kN lbs	80/65 18,000/14,625

**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
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**

Folding scraper | Tilttable dashboard | Pressure water sprinkling system | ECO mode | Driver's platform with entry from both sides | Speed preselect | Vibration-insulated driver's platform | Track offset, hydraulic | Water filter system (3-fold) | Central water outlet

**OPTIONAL EQUIPMENT**