

Technical data

# HD+ 70 VV



**Tandem rollers Series HD+**  
Tandem roller with two vibrating roller drums

**H301**

## HIGHLIGHTS

- > Simple, intuitive and language-neutral operation
- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Excellent view of the machine and the construction site
- > Track offset for comfortable start up, moving away and compacting at curb edges
- > Seat operating unit can be moved and rotated

## TECHNICAL DATA HD+ 70 VV (H301)

## Weights

Operating weight with cab	kg	7445
Operating weight with ROPS	kg	7265
Empty weight without cab, without ROPS	kg	6550
Max. operating weight	kg	8120
Axle load, front/rear	kg	3755/3690
Static linear load, front/rear	kg/cm	25,03/24,60
French classification, value/class		18,9/VT1

## Machine dimensions

Total length	mm	4480
Total height with cab	mm	2890
Total height with ROPS	mm	2970
Height loading, min.	mm	2080
Centre distance	mm	3340
Total width with cab	mm	1790
Maximum working width	mm	1635
Ground clearance, centre	mm	340
Kerb clearance, left/right	mm	750/750
Turning radius, inside	mm	4230

## Drum dimensions

Drum width, front/rear	mm	1500/1500
Drum diameter, front/rear	mm	1140/1140
Drum thickness, front/rear	mm	17/17
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	135

## Diesel engine

Manufacturer		DEUTZ
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	0-9,7
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	42/47

## Vibration

Vibration frequency, front, level I/II	Hz	48/58
Vibration frequency, rear, level I/II	Hz	48/58
Amplitude, front, level I/II	mm	0,60/0,35
Amplitude, rear, level I/II	mm	0,60/0,35
Centrifugal force, front, level I/II	kN	80/65
Centrifugal force, rear, level I/II	kN	80/65

## Steering

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

## Water-sprinkling system

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

## Tank capacity/filling capacity

Fuel tank, capacity	L	120
Water tank, capacity	L	700

## Sound level

Sound power level L(WA), guaranteed	db(A)	106
Sound power level L(WA), representative measurement	db(A)	105

## EQUIPMENT

Scrapers foldable | Dashboard tiltable | Pressure water sprinkling system | ECO mode | Driver's platform with access from both sides | 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 | Additional drive lever, left | Process data interface for third-party provider systems, asphalt construction | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Camera system | Telematics system | Working spotlights | Drum edge lighting