A WIRTGEN GROUP COMPANY

HAMM

Technical data

HD+ 70 VO

Tandem rollers Series HD+
Tandem roller with vibration and oscillation drum

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
> Compaction with oscillation

TECHNICAL DATA HD+ 70 VO (H301)

Weights		
Operating weight with cab	kg	7625
Operating weight with ROPS	kg	7445
Empty weight without cab, without ROPS	kg	6730
Max. operating weight	kg	8300
Axle load, front/rear	kg	3755/3870
Static linear load, front/rear	kg/cm	25,03/25,80
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	17/19
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 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	%	41/45
Vibration		
Vibration frequency, front, level I/II	Hz	48/58
Amplitude, front, level I/II	mm	0,60/0,35
Centrifugal force, front, level I/II	kN	80/65
Oscillation		
Oscillation force, rear, level I/II	kN	72/105
Oscillation frequency, rear, level I/II	Hz	29/35

Oscillation		
Tangential amplitude, rear, level I/II	mm	1,05/1,05
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

Scraper 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 device | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Camera system | Telematics system | Working spotlights | Drum edge lighting