A WIRTGEN GROUP COMPANY

HAMM

Technical data

HD+ 140 VO

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

H259

HIGHLIGHTS

> Excellent view of the machine and the construction site
> Simple, intuitive and language-neutral operation
> Seat operating unit can be moved and rotated
> Track offset for comfortable start up, moving away and compacting at curb edges
> Compaction with oscillation

TECHNICAL DATA HD+ 140 VO (H259)

Weights		
Operating weight with cab	kg	13045
Operating weight with ROPS	kg	12805
Max. operating weight	kg	13800
Static linear load, front/rear	kg/cm	30,5/30,5
French classification, value/class		28,8/VT2
Machine dimensions		
Total length	mm	5000
Total height with cab	mm	3050
Height loading, min.	mm	2185
Centre distance	mm	3600
Total width with cab	mm	2260
Maximum working width	mm	2310
Kerb clearance, left/right	mm	880/880
Turning radius, inside	mm	5205
Drum dimensions		
Drum width, front/rear	mm	2140/2140
Drum diameter, front/rear	mm	1400/1400
Drum thickness, front/rear	mm	19/20
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	170
Diesel engine		
Manufacturer		DEUTZ
Model		TCD 2012 L04 2V
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		100,0/136,0/2300
Power SAE J1349, kW/HP/rpm		100,0/134,0/2300
Exhaust emission standard		UN ECE R96 (Tier 3)
Travel drive		
Speed, working gear	km/h	0-6,0
Speed, transport gear	km/h	0-12,0
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	30/35
Vibration		
Vibration frequency, front, level I/II	Hz	40/50
Amplitude, front, level I/II	mm	0,84/0,33
Centrifugal force, front, level I/II	kN	159/95
Oscillation		
Oscillation force, rear	kN	170
Oscillation frequency, rear	Hz	36
Tangential amplitude, rear	mm	1,25
Steering		
Pendulum angle +/-	°	10
Steering, type		Articulated steering
Water-sprinkling system		
Water sprinkling, type		Pressure

Tank capacity/filling capacity		
Fuel tank, capacity	L	180
Water tank, capacity	L	1160
Sound level		
Sound power level L(WA), guaranteed	db(A)	108
Sound power level L(WA), representative measurement	db(A)	107

EQUIPMENT

2 water pumps | Scraper foldable | Dashboard with displays, indicator lights and switches | Dashboard tiltable | Spring-mounted driver's seat with armrests and seat belt | HAMMTRONIC – electronic machine management | Seat operating unit, adjustable sideways and rotatable | Track offset | Compaction parameters adjustable per axle | Water-sprinkling system with spray bars, front and rear | Water filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet

OPTIONAL EQUIPMENT

Air-conditioning system | Steering column with comfort exit and tiltable dashboard | Seat belt monitoring device | Additional drive lever, left | Process data interface for third-party provider systems, asphalt construction | Protective roof | Edge pressing and cutting device | Version with additional fuel prefilter | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Track offset display | Camera system | Back-up alarm | Telematics system | Working spotlights | Rotating beacon