

Technical data

HD+ 120 VV



Tandem rollers Series HD+
Tandem roller with two vibration drums

H259

HIGHLIGHTS

- > Simple, intuitive and language-neutral operation
- > Track offset for comfortable start up, moving away and compacting at curb edges
- > 3-point articulation for even weight distribution and good straight-line tracking
- > Good visibility of machine and jobsite
- > Seat operating unit can be moved and rotated

TECHNICAL DATA HD+ 120 VV (H259)

Weights

Operating weight with cab	kg	12570
Operating weight with ROPS	kg	12330
Max. operating weight	kg	13320
Axle load, front/rear	kg	6345/6225
Static linear load, front/rear	kg/cm	32/31,4
French classification, value/class		31,0/VT2

Machine dimensions

Total height with cab	mm	3050
Height loading, min.	mm	2185
Centre distance	mm	3600
Total width with cab	mm	2145
Maximum working width	mm	2150
Kerb clearance, left/right	mm	880/880
Turning radius, inside	mm	5285

Drum dimensions

Drum width, front/rear	mm	1980/1980
Drum diameter, front/rear	mm	1400/1400
Drum thickness, front/rear	mm	19/19
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 emissions category		UN ECE R96 (Tier 3)
Exhaust gas after-treatment		-

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
Vibration frequency, rear, level I/II	Hz	40/50
Amplitude, front, level I/II	mm	0,88/0,35
Amplitude, rear, level I/II	mm	0,88/0,35
Centrifugal force, front, level I/II	kN	159/95
Centrifugal force, rear, level I/II	kN	159/95

Steering

Steering angle +/-	°	30
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)	106

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

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