

Technical data

HD+ 140 VV



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

H259

HIGHLIGHTS

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

TECHNICAL DATA HD+ 140 VV (H259)

Weights

Operating weight with cab	kg	12930
Operating weight with ROPS	kg	12690
Operating weight, max.	kg	13680
Static linear load, front/rear	kg/cm	30,5/29,9
French classific., data/class		28,8/VT2

Machine dimensions

Total length	mm	5000
Total height with cab	mm	3050
Height loading, min.	mm	2185
Wheel base	mm	3600
Total width with cab	mm	2260
Max. 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	19/19
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	170

Diesel engine

Manufacturer		DEUTZ
Version		TCD 2012 L04 2V
Number of cylinders		4
Power rat. ISO 14396, kW/PS/rpm		100,0/136,0/2300
Power rating SAE J1349, kW/HP/rpm		100,0/134,0/2300
Emission standard		EU Stage IIIA / EPA Tier 3

Drive

Speed, working gear	km/h	0-6,0
Speed, transportation gear	km/h	0-12,0
Regulation, infinitely variable		Hammtronic
Climbing ability, vibration on/off	%	30/35

Vibration

Vibration frequency, front, I/II	Hz	40/50
Vibration frequency, rear, I/II	Hz	40/50
Amplitude, front, I/II	mm	0,84/0,35
Amplitude, rear, I/II	mm	0,84/0,35
Centrifugal force, front, I/II	kN	159/95
Centrifugal force, rear, I/II	kN	159/95

Steering

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

Sprinkler system

Water sprinkler, type		Pressure
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Tank capacity/Fill capacity

Fuel tank, capacity	L	180
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Tank capacity/Fill capacity

Water tank, capacity	L	1160
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Sound level

Sound power level L(WA), guaranteed	db(A)	108
Acoustic power LW(A), measured	db(A)	106

EQUIPMENT

2 water pumps | Foldable scraper | Dashboard with displays, indicator lights and switches | Tilttable dashboard | Battery isolation switch | Spring-mounted driver's seat with armrests and safety belt | Hammtronic - electronic machine management | Seat-operating unit, can be moved and rotated laterally | Track offset | Vibration parameters, adjustable individually | Spray system with spray bars front and rear | Water filtering (triple) | Water tank front and rear, can be filled from both sides | Central water drain

OPTIONAL EQUIPMENT

ROPS cabin with split doors | ROPS, rigid | Air conditioning | Steering column with comfort exit and tilttable dashboard | Safety belt monitoring device | Additional drive lever, left | Radio | HCQ Navigator | Protective roof | Frequency control | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Track offset display | Camera system | Back-up alarm (reversing) | Telematics interface | Working lights | Rotating beacon | Drum edge lighting | Edge pressing and cutting equipment | Version with additional fuel prefilter