

Technical data

HD+ 120 VO



Tandem rollers Series HD+

Tandem roller with vibrating roller drum and oscillation drum

H259

HIGHLIGHTS

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

TECHNICAL DATA HD+ 120 VO (H259)

Weights

Operating weight with cab	kg	12740
Operating weight with ROPS	kg	12500
Operating weight, max.	kg	13490
Static linear load, front/rear	kg/cm	32,0/32,3
French classific., data/class		31,0/VT2

Machine dimensions

Total height with cab	mm	3050
Height loading, min.	mm	2185
Wheel base	mm	3600
Total width with cab	mm	2145
Max. 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	19/20
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
Amplitude, front, I/II	mm	0,88/0,35
Centrifugal force, front, I/II	kN	159/95

Oscillation

Oscillation force, rear	kN	170
Oscillation frequency, rear	Hz	36
Tangential amplitude, rear	mm	1,25

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)	-

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