

Technical data

# HD+ 120i VV-HF



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

**H274**

## HIGHLIGHTS

- > Operating concept Easy Drive
- > Electronic machine management Hammtronic
- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Track offset for comfortable start up, moving away and compacting at curb edges
- > Excellent view of the machine and the construction site

## TECHNICAL DATA HD+ 120i VV-HF (H274)

## Weights

Operating weight with cab	kg	12925
Operating weight with ROPS	kg	12685
Max. operating weight	kg	13740
Static linear load, front/rear	kg/cm	32,7/32,6
French classification, value/class		26,21/VT1

## Machine dimensions

Total length	mm	5300
Total height with cab	mm	2980
Total height with ROPS	mm	3030
Height loading, min.	mm	2140
Centre distance	mm	3900
Total width with cab	mm	2145
Maximum working width	mm	2150
Ground clearance, centre	mm	340
Kerb clearance, left/right	mm	900/900
Turning radius, inside	mm	6280

## 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 4.1 L4
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		115,0/156,4/2300
Power SAE J1349, kW/HP/rpm		115,0/154,1/2300
Exhaust emission standard		EU Stage V / EPA Tier 4
Exhaust gas after-treatment		DOC-DPF-SCR

## Travel drive

Speed, infinitely variable	km/h	0-10,0
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	40/40

## Vibration

Vibration frequency, front, I/II	Hz	45/67
Vibration frequency, rear, I/II	Hz	45/67
Amplitude, front, I/II	mm	0,66/0,19
Amplitude, rear, I/II	mm	0,66/0,19
Centrifugal force, front, I/II	kN	159/104
Centrifugal force, rear, I/II	kN	159/104

## Steering

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

## Water-sprinkling system

Water sprinkling, type		Pressure
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## Tank capacity/filling capacity

AdBlue/SCR reducing agent tank, capacity	L	20
Water tank, capacity	L	1145

## Sound level

Sound power level L(WA), representative measurement	db(A)	110
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## EQUIPMENT

12 V power socket | Two large exterior rear-view mirrors | Folding scraper | Easy Drive operating concept | Pressure water sprinkling system | ECO mode | Driver's platform with entry from both sides | Speed-controlled water sprinkling | Speed preselect | Vibration-isolated driver's platform | Track offset, hydraulic | 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

Heating and air conditioning | Tachograph | Bluetooth interface for Smart Doc | Dashboard cover | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | Automatic engine-off function | HAMM Temperature Meter (HTM) | Track offset display | Back-up alarm (reversing) | Telematics interface | Working lights | Rotating beacon | Coming home lighting | Locking device