

Technical data

# HD+ 120i V-VIO



**Tandem rollers Series HD+**  
Tandem roller with vibration and VIO drum

H304

## HIGHLIGHTS

- > Operating concept Easy Drive
- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Innovative cabin concept for optimal visibility and high comfort
- > VIO compaction system – vibration or oscillation
- > Digital ready

## TECHNICAL DATA HD+ 120i V-VIO (H304)

## Weights

Operating weight with cab	kg	12910
Operating weight with ROPS	kg	12680
Empty weight without cab, without ROPS	kg	11595
Max. operating weight	kg	13940
Axle load, front/rear	kg	6300/6610
Static linear load, front/rear	kg/cm	31,82/33,38
French classification, value/class		30,47/VT2; 18,88/VT0

## 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	0-10,5
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	37/41

## Vibration

Vibration frequency, front, I/II	Hz	40/50
Vibration frequency, rear	Hz	50
Amplitude, front, I/II	mm	0,95/0,35
Amplitude, rear	mm	0,35
Centrifugal force, front, I/II	kN	160/95
Centrifugal force, rear	kN	110

## Oscillation

Oscillation force, rear	kN	184
Oscillation frequency, rear	Hz	36

## Oscillation

Tangential amplitude, rear	mm	1,08
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## Steering

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

## Water-sprinkling system

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

Fuel tank, capacity	L	260
AdBlue/SCR reducing agent tank, capacity	L	20
Water tank, capacity	L	1145

## Sound level

Sound power level L(WA), guaranteed	db(A)	109
Sound power level L(WA), representative measurement	db(A)	108

## EQUIPMENT

Folding scraper | Pressure water sprinkling system | ECO mode | Speed preselect | Track offset, hydraulic | Water filter system (3-fold) | Central water outlet

## OPTIONAL EQUIPMENT

Heating and air-conditioning system | Tachograph | Bluetooth interface for Smart Doc | | Smart Compact | Weather station | Edge pressing and cutting equipment | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Camera system | JDLINK | Working spotlights | Drum edge lighting | Coming Home function