

Technical data

HD+ 120i VO



Tandem rollers Series HD+

Tandem roller with vibration and oscillation 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
- > Compaction with oscillation
- > Digital ready

TECHNICAL DATA HD+ 120i VO (H304)

Weights

Operating weight with cab	kg	12755
Operating weight with ROPS	kg	12525
Empty weight without cab, without ROPS	kg	11440
Max. operating weight	kg	13780
Axle load, front/rear	kg	6300/6455
Static linear load, front/rear	kg/cm	31,82/32,60
French classification, value/class		30,47/VT2

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	%	38/42

Vibration

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

Oscillation

Oscillation force, rear	kN	170,48
Oscillation frequency, rear	Hz	36
Tangential amplitude, rear	mm	1,20

Steering

Swing angle +/-	°	10
-----------------	---	----

Steering

Steering, type		Articulated steering
----------------	--	----------------------

Water-sprinkling system

Water sprinkling, type		Pressure
------------------------	--	----------

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)	107

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 system | Steering column with comfort exit and tiltable dashboard | Tachograph | Process data interface for third-party provider systems, asphalt construction | 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