

Technical data

HD+ 110i VT



Tandem rollers Series HD+

Tandem roller with vibration drum and set of wheels

H303

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
- > Seat operating unit can be moved and rotated
- > Digital ready

TECHNICAL DATA HD+ 110i VT (H303)

Weights

Operating weight with cab	kg	9630
Operating weight with ROPS	kg	9450
Empty weight without cab, without ROPS	kg	8640
Max. operating weight	kg	12330
Axle load, front/rear	kg	5285/4345
Static linear load, front	kg/cm	31,46
French classification, value/class		22,9/VX0; 10,9/PLO
Wheel load per tyre, rear	kg	1086,25

Machine dimensions

Total length	mm	4900
Total height with cab	mm	3010
Total height with ROPS	mm	3060
Height loading, min.	mm	2226
Centre distance	mm	3700
Total width with cab	mm	1800
Maximum working width	mm	1820
Ground clearance, centre	mm	340
Kerb clearance, left/right	mm	800/800
Turning radius, inside	mm	6050

Drum dimensions

Drum width, front	mm	1680
Drum diameter, front	mm	1200
Drum thickness, front	mm	22
Drum type, front		Smooth/non-split
Track offset, left/right	mm	170

Tyre dimensions

Tyre size, rear		11.00-20
Width over tyres, rear	mm	1620
Number of tyres, rear		4

Diesel engine

Manufacturer		DEUTZ
Model		TCD 3.6 L4
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		85,0/115,6/2300
Power SAE J1349, kW/HP/rpm		85,0/113,9/2300
Exhaust emissions category, EU		EU Stage 5
Exhaust emissions category, USA		EPA Tier 4
Exhaust emissions category, Korea		KOR Stage 5
Exhaust gas after-treatment		DOC-DPF-SCR

Travel drive

Speed, infinitely variable	km/h	0 - 9,8
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	43/48

Vibration

Vibration frequency, front, level I/II	Hz	42/50
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Vibration

Amplitude, front, level I/II	mm	0,90/0,50
Centrifugal force, front, level I/II	kN	120/100

Steering

Pendulum 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	173
AdBlue/SCR reducing agent tank, capacity	L	20
Water tank, capacity	L	760
Additive tank, capacity	L	22

Sound level

Sound power level L(WA), guaranteed	db(A)	107
Sound power level L(WA), representative measurement	db(A)	105

EQUIPMENT

Scraper foldable | Pressure water sprinkling system | ECO mode | Driver's platform with access from both sides | Vibration-isolated driver's platform | Track offset, hydraulic | Water filter system (3-fold) | Central water outlet | Steering column with tiltable dashboard | Equipment Management

OPTIONAL EQUIPMENT

Tachograph | Smart Receiver | Weather station | Edge pressing and cutting device | Thermal aprons | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Camera system | Working spotlights | Coming Home function | Drum edge lighting