

Technical data

HD+ 90i VT



Tandem rollers Series HD+

Tandem roller with vibrating roller 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+ 90i VT (H303)

Weights

Operating weight with cab	kg	8950
Operating weight with ROPS	kg	8770
Empty weight without cab, without ROPS	kg	7960
Max. operating weight	kg	11650
Axle load, front/rear	kg	4785/4165
Static linear load, front	kg/cm	28,48
French classification, value/class		22,3/VX1; 10,4/PLO
Wheel load per tyre, rear	kg	1041,25

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	17
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 emission standard		EU Stage V / EPA Tier 4
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	%	45/50

Vibration

Vibration frequency, front, I/II	Hz	42/50
Amplitude, front, I/II	mm	0,65/0,35
Centrifugal force, front, I/II	kN	80/60

Steering

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

Steering

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

Water-sprinkling system

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

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)	103

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 | Automatic traction control and anti-slip control | Vibration-isolated driver's platform | Water-sprinkling system with spray bars front and rear | Track offset, hydraulic | Water filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet | Additive-sprinkling system for tyres, rear | Steering column with tiltable dashboard

OPTIONAL EQUIPMENT

Heating and air-conditioning system | 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 | Thermal aprons | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Camera system | JDLINK | Working spotlights | Drum edge lighting | Coming Home function