

Technical data

HD+ 90i VT



Tandem rollers Series HD+

Tandem roller with vibrating roller drum and set of wheels

H273

HIGHLIGHTS

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

TECHNICAL DATA HD+ 90i VT (H273)

Weights

Operating weight with cab	kg	8870
Operating weight with ROPS	kg	8700
Empty weight without cab, without ROPS	kg	7870
Max. operating weight	kg	11300
Axle load, front/rear	kg	4750/4120
Static linear load, front	kg/cm	28,3
French classification, value/class		20,4/VX0
Wheel load per tyre, rear	kg	1030

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 - 10,2
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	37/47

Vibration

Vibration frequency, front, I/II	Hz	42/50
Amplitude, front, I/II	mm	0,62/0,34
Centrifugal force, front, I/II	kN	75,5/59,6

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 | 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

OPTIONAL EQUIPMENT

Heating and air conditioning | Tachograph | HCQ Navigator | Dashboard cover | Automatic engine-off function | HAMM Temperature Meter (HTM) | Track offset display | Back-up alarm (reversing) | Rotating beacon | Coming home lighting | Locking device | Edge pressing and cutting equipment | HCQ compaction meter