

Technical data

HX 90i VT-S



Tandem rollers Series HX

Tandem roller with vibrating roller drum and set of wheels

H299

HIGHLIGHTS

- > High compaction quality through optimum setting of the compaction parameters
- > Intelligent water sprinkler system
- > Operating concept Easy Drive
- > Innovative cabin concept for optimal visibility and high comfort
- > Digital ready

TECHNICAL DATA HX 90i VT-S (H299)

Weights

Operating weight with cab	kg	9210
Empty weight without cab, without ROPS	kg	8100
Max. operating weight	kg	11910
Axle load, front/rear	kg	4865/4345
Max. axle load, front/rear	kg	4440/7470
Static linear load, front	kg/cm	28,95
French classification, value/class		22,7/VX1
Wheel load per tyre, rear	kg	1086,25

Machine dimensions

Total length	mm	4448
Total height with cab	mm	2965
Height loading, min.	mm	2170
Centre distance	mm	3250
Total width with cab	mm	1860
Maximum working width	mm	3050
Ground clearance, centre	mm	300
Kerb clearance, left/right	mm	655/655
Turning radius, inside	mm	3000

Drum dimensions

Drum width, front	mm	1680
Drum diameter, front	mm	1200
Drum thickness, front	mm	17
Drum type, front		Smooth/split
Track offset, left/right	mm	1370

Tyre dimensions

Tyre size, rear		11.00-20
Width over tyres, rear	mm	1680
Number of tyres, rear		4

Diesel engine

Manufacturer		DEUTZ
Model		TCD 3.6 L4
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		74,4/101,2/2200
Power SAE J1349, kW/HP/rpm		74,4/99,7/2200
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	%	41/46

Vibration

Vibration frequency, front, I/II	Hz	42/50
Amplitude, front, I/II	mm	0,63/0,44
Centrifugal force, front, I/II	kN	84,13/77,77

Steering

Swing angle +/-	°	4
Steering, type		All-wheel, analogue

Water-sprinkling system

Water sprinkling, type		Pressure
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Tank capacity/filling capacity

Fuel tank, capacity	L	160
AdBlue/SCR reducing agent tank, capacity	L	20
Water tank, capacity	L	810
Additive tank, capacity	L	30

Sound level

Sound power level L(WA), guaranteed	db(A)	106
Sound power level L(WA), representative measurement	db(A)	106

EQUIPMENT

12 V sockets (double) | Two large exterior rear-view mirrors | 2 x water pumps | Folding scraper | Easy Drive operating concept | Lighting package for driving on public roads | Pressure refuelling of water from below | ECO mode | Spring-mounted driver's seat with armrests and seat belt | Cup holder | HAMMTRONIC – electronic machine management | Viewing pane, front and rear | Seat operating unit, adjustable sideways and rotatable | 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 | Camera system | Working lights

OPTIONAL EQUIPMENT

Heating and air conditioning | Safety belt monitoring device | Tachograph | HCQ Navigator | Bluetooth interface for Smart Doc | | Dashboard cover | Thermal aprons | HCQ compaction meter | Automatic engine-off function | Back-up alarm (reversing) | Drum edge lighting | Drum lighting | Coming home lighting | Additional mirror