

Technical data

HX 90i VT-S



Tandem rollers Series HX

Tandem roller with vibrating roller drum and set of tyres

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	9010
Basic weight no cab, without ROPS	kg	7910
Operating weight, max.	kg	11740
Axle load, front/rear	kg	4960/4050
Axle load max., front/rear	kg	
Static linear load, front	kg/cm	29,5
French classific., data/class		23,0/VX1 / 10,1/PLO
Load per tyre, rear	kg	1012,5

Machine dimensions

Total length	mm	4448
Total height with cab	mm	2965
Height loading, min.	mm	2170
Wheel base	mm	3250
Total width with cab	mm	1860
Max. 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

Wheel dimensions

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

Diesel engine

Manufacturer		DEUTZ
Version		TCD 3.6 L4
Number of cylinders		4
Power rat. ISO 14396, kW/PS/rpm		74,4/101,2/2200
Power rating SAE J1349, kW/HP/rpm		74,4/99,7/2200
Emission standard		EU Stage V / EPA Tier 4
Exhaust gas after-treatment		DOC-DPF-SCR

Drive

Speed, infinitely variable	km/h	0-11,0
Regulation, infinitely variable		Hammtronic
Climbing ability, vibration on/off	%	40/45

Vibration

Vibration frequency, front, I/II	Hz	42/50
Amplitude, front, I/II	mm	0,61/0,40
Centrifugal force, front, I/II	kN	84/78

Steering

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

Sprinkler system

Water sprinkler, type		Pressure
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Tank capacity/Fill capacity

Fuel tank, capacity	L	160
AdBlue/DEF tank, content	L	20
Water tank, capacity	L	810
Additive tank, capacity	L	30

Sound level

Sound power level L(WA), guaranteed	db(A)	
Acoustic power LW(A), measured	db(A)	

EQUIPMENT

12 V sockets (double) | 2 large working and rear view mirrors | 2 water pumps | Foldable scraper | Operating concept Easy Drive | Lighting package as per road traffic regulations | Pressurized refilling of water tanks from below | ECO mode | Spring-mounted driver's seat with armrests and safety belt | Cup holder | Hammtronic - electronic machine management | Cabin floor window, front and rear | Seat-operating unit, can be moved and rotated laterally | Spray system with spray bar front and rear | Water filtering (triple) | Water tank front and rear, can be filled from both sides | Central water drain | 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