

Technical data

HX 90i VV



Tandem rollers Series HX

Tandem roller with two vibrating roller drums

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 VV (H299)

Weights

Operating weight with cab	kg	9315
Empty weight without cab, without ROPS	kg	8220
Max. operating weight	kg	11930
Axle load, front/rear	kg	4270/4595
Axle load for max. operating weight, front/rear	kg	4290/7640
Static linear load, front/rear	kg/cm	28,08/27,34
French classification, value/class		22,7/VT1

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

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 - 10,6
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	43/48

Vibration

Vibration frequency, front, I/II	Hz	42/50
Vibration frequency, rear, I/II	Hz	42/50
Amplitude, front, I/II	mm	0,68/0,44
Amplitude, rear, I/II	mm	0,68/0,44
Centrifugal force, front, I/II	kN	84,13/77,77
Centrifugal force, rear, 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

Sound level

Sound power level L(WA), guaranteed	db(A)	106
Sound power level L(WA), representative measurement	db(A)	105

EQUIPMENT

2 x water pumps | Folding scraper | Easy Drive operating concept | ECO mode | Cup holder | Viewing pane, front and rear | Water filter system (3-fold) | Central water outlet | Camera system | Working spotlights

OPTIONAL EQUIPMENT

Heating and air-conditioning system | Seat belt monitoring device | Tachograph | Bluetooth interface for Smart Doc | | Smart Compact | Weather station | | Dashboard cover | Edge pressing and cutting equipment | Chip spreader | HAMM Compaction Meter (HCM) | Automatic engine stop | HAMM Temperature Meter (HTM) | Back-up alarm | JDLINK | Drum edge lighting | Drum lighting | Coming Home function