

Technical data

HX 90i VV-S



Tandem rollers Series HX

Tandem roller with two vibration 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-S (H299)

Weights

Operating weight with cab	kg	9605
Empty weight without cab, without ROPS	kg	8510
Max. operating weight	kg	12230
Axle load, front/rear	kg	4865/4740
Axle load at max. operating weight, front/rear	kg	4440/7790
Static linear load, front/rear	kg/cm	28,95/28,22
French classification, value/class		22,53/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/split
Drum type, rear		Smooth/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 emissions category, EU		EU Stage 5
Exhaust emissions category, USA		EPA Tier 4
Exhaust emissions category, Korea		KOR Stage 5
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	%	42/47

Vibration

Vibration frequency, front, level I/II	Hz	42/50
Vibration frequency, rear, level I/II	Hz	42/50
Amplitude, front, level I/II	mm	0,63/0,44
Amplitude, rear, level I/II	mm	0,63/0,44

Vibration

Centrifugal force, front, level I/II	kN	84,13/77,77
Centrifugal force, rear, level I/II	kN	84,13/77,77

Steering

Pendulum 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 water pumps | Scraper foldable | Easy Drive operating concept | ECO mode | Cup holder | Cab floor window at front and rear | Water filter system (3-fold) | Central water outlet | Camera system | Working spotlights

OPTIONAL EQUIPMENT

Equipment Management | Seat belt monitoring device | Dashboard cover | Tachograph | Smart Receiver | Smart Compact Basic | Smart Compact Pro | Realtime Density Scan | Weather station | Smart Display | Edge pressing and cutting device | Chip spreader | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Back-up alarm | Coming Home function | Drum edge lighting | Drum lighting | Automatic engine stop