

Technical data

HX 90i VT-S



Tandem rollers Series HX

Tandem roller with vibration drum and set of wheels

H299

HIGHLIGHTS

- > High compaction performance due to optimal 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 lbs	9210 20,308
Empty weight without cab, without ROPS	kg lbs	8100 17,860
Max. operating weight	kg lbs	11910 26,262
Axle load, front/rear	kg lbs	4865/4345 10,727/9,581
Axle load at max. operating weight, front/rear	kg lbs	4440/7470 9,790/16,471
Static linear load, front	kg/cm lbs/in	28,95 162.1
French classification, value/class		22,7/VX1
Wheel load per tire, rear	kg lbs	1086,25 2,395

Machine dimensions

Total length	mm in	4448 175.1
Total height with cab	mm in	2965 116.7
Height loading, min.	mm in	2170 85.4
Center distance	mm in	3250 128.0
Total width with cab	mm in	1860 73.2
Maximum working width	mm in	3050 120.1
Ground clearance, center	mm in	300 11.8
Curb clearance, left/right	mm in	655/655 25.8/25.8
Turning radius, inside	mm in	3000 118.1

Drum dimensions

Drum width, front	mm in	1680 66.1
Drum diameter, front	mm in	1200 47.2
Drum thickness, front	mm in	17 0.7
Drum type, front		Smooth/split
Track offset, left/right	mm in	1370 53.9

Tire dimensions

Tire size, rear		11.00-20
Width over tires, rear	mm in	1680 66.1
Number of tires, rear		4

Diesel engine

Manufacturer		DEUTZ
Model		TCD 3.6 L4

Diesel engine

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 mph	0 - 9,8 0.0 - 6.1
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	41/46

Vibration

Vibration frequency, front, level I/II	Hz vpm	42/50 2,520/3,000
Amplitude, front, level I/II	mm in	0,63/0,44 .025/.017
Centrifugal force, front, level I/II	kN lbs	84,13/77,77 18,929/17,498

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 Gal	160 42.3
AdBlue/SCR reducing agent tank, capacity	L Gal	20 5.3
Water tank, capacity	L Gal	810 214.0
Additive tank, capacity	L Gal	30 7.9

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, front and rear | Water filter system (3-fold) | Central water outlet | Camera system | Working spotlights