

Technical data

# HX 90i VT-S



## Tandem rollers Series HX

Tandem roller with vibrating roller 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
Max. axle load, 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 emission standard		EU Stage V / EPA Tier 4
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, I/II	Hz vpm	42/50 2,520/3,000
Amplitude, front, I/II	mm in	0,63/0,44 .025/.017
Centrifugal force, front, I/II	kN lbs	84,13/77,77 18,929/17,498

## 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 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)	106

## EQUIPMENT

## OPTIONAL EQUIPMENT

Heating and air conditioning | Safety belt monitoring device | Tachograph | HCQ navigator | Bluetooth interface for Smart Doc | Dashboard cover | Thermal aprons | Compaction meter HCQ | Automatic engine-off function | Back-up alarm | Drum edge lighting | Drum lighting | Coming home lighting | Additional mirror  
Water filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet | Camera system | Working light