

Technical data

HD+ 90i PH VT-S



Tandem rollers Series HD+

Tandem roller with vibration drum and set of wheels

H276

HIGHLIGHTS

- > Operating concept Easy Drive
- > Hybrid hydraulic drive
- > Electronic machine management Hammtronic
- > Excellent view of the machine and the construction site
- > 3-point articulation for even weight distribution and excellent on-centre feel

TECHNICAL DATA HD+ 90i PH VT-S (H276)

Weights

Operating weight with cab	kg	8960
Operating weight with ROPS	kg	8790
Max. operating weight	kg	11520
Static linear load, front	kg/cm	29,2
French classification, value/class		22,8.10,1/VX1.PLO

Machine dimensions

Total length	mm	4800
Total height with cab	mm	3010
Height loading, min.	mm	2226
Centre distance	mm	3600
Total width with cab	mm	1800
Maximum working width	mm	1820
Kerb clearance, left/right	mm	800/800
Turning radius, inside	mm	5900

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	170

Tyre dimensions

Tyre size, rear		11.00-20
Width over tyres, rear	mm	1620
Number of tyres, rear		4

Diesel engine

Manufacturer		DEUTZ
Model		TCD 2.9 L4
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		55,4/75,3/2300
Power SAE J1349, kW/HP/rpm		55,4/74,2/2300
Exhaust emissions category, EU		EU Stage 5
Exhaust emissions category, Japan		
Exhaust emissions category, Korea		KOR Stage 5
Exhaust emissions category, USA		EPA Tier 4
Exhaust gas after-treatment		DOC-DPF

Travel drive

Speed, working gear	km/h	0-6,0
Speed, transport gear	km/h	0-12,0
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	50/55

Vibration

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

Steering

Pendulum angle +/-	°	10
Steering, type		Articulated steering

Water-sprinkling system

Water sprinkling, type		Pressure
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Tank capacity/filling capacity

Fuel tank, capacity	L	173
Water tank, capacity	L	760
Additive tank, capacity	L	22

Sound level

Sound power level L(WA), guaranteed	db(A)	106
Sound power level L(WA), representative measurement	db(A)	102

EQUIPMENT

12 V power socket | Two large exterior rear-view mirrors | Scraper foldable | Dashboard with displays, indicator lights and function keys | Easy Drive operating concept | Electric-powered cooling fan | Pressure water sprinkling system | ECO mode | Driver's platform with access from both sides | Speed-controlled water sprinkling | Automatic traction control and anti-slip control | Vibration-isolated driver's platform | Track offset, hydraulic | Water-sprinkling system with spray bars, front and rear | Water filter system (3-fold) | Water tank front and rear, can be filled from both sides | Central water outlet | Additional hydraulic performance support up to 20 kW | Equipment Management

OPTIONAL EQUIPMENT

Dashboard cover, lockable | Tachograph | Process data interface for third-party provider systems, asphalt construction | Edge pressing and cutting device | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Track offset display | Back-up alarm | Working spotlights | Automatic engine stop