

Technical data

# HD+ 90i PH VV-S



**Tandem rollers Series HD+**  
Tandem roller with two vibration drums

H276

## HIGHLIGHTS

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

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

## Weights

Operating weight with cab	kg	9700
Operating weight with ROPS	kg	9530
Max. operating weight	kg	12240
Static linear load, front/rear	kg/cm	29,3/28,5
French classification, value/class		22,9/VT1

## Machine dimensions

Total length	mm	4800
Total height with cab	mm	2980
Height loading, min.	mm	2150
Centre distance	mm	3600
Total width with cab	mm	1800
Maximum working width	mm	1850
Kerb clearance, left/right	mm	800/800
Turning radius, inside	mm	5900

## 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	170

## 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	%	47/52

## 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	0,61/0,40
Amplitude, rear, level I/II	mm	0,61/0,40
Centrifugal force, front, level I/II	kN	84/78

## Vibration

Centrifugal force, rear, level I/II	kN	84/78
-------------------------------------	----	-------

## Steering

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

## Water-sprinkling system

Water sprinkling, type		Pressure
------------------------	--	----------

## Tank capacity/filling capacity

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

## 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

## 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