

Technical data

HD+ 90 VT



Tandem rollers Series HD+

Tandem roller with vibrating roller drum and set of wheels

H258

HIGHLIGHTS

- > 3-point articulation for even weight distribution and excellent directional stability
- > Seat-operating unit can be moved and rotated
- > Simple, intuitive and language-neutral control
- > Excellent view of machine and construction site
- > Track offset for comfortable starting and driving away and compacting at curbsides

TECHNICAL DATA HD+ 90 VT (H258)

Weights

Operating weight with cab	kg lbs	9160 20,198
Operating weight with ROPS	kg lbs	9000 19,845
Maximum operating weight	kg lbs	9870 21,763
Static linear load, front	kg/cm lbs/in	28,5 159.6
French classification, value/class		22,4.10,9/VX1.PLO

Machine dimensions

Total length	mm in	4600 181.1
Total height with cab	mm in	3050 120.1
Height loading, min.	mm in	2185 86.0
Center distance	mm in	3400 133.9
Total width with cab	mm in	1800 70.9
Maximum working width	mm in	1820 71.7
Curb clearance, left/right	mm in	790/790 31.1/31.1
Turning radius, inside	mm in	5250 206.7

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/non-split
Track offset, left/right	mm in	170 6.7

Tire dimensions

Tire size, rear		11.00-20
Width over tires, rear	mm in	1620 63.8
Number of tires, rear		4

Diesel engine

Manufacturer		DEUTZ
Model		TCD 2012 L04 2V
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		100,0/136,0/2300
Power SAE J1349, kW/HP/rpm		100,0/134,0/2300
Exhaust emission standard		EU Stage IIIA / EPA Tier 3

Travel drive

Speed, working gear	km/h mph	0-6,0 0.0-3.7
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Travel drive

Speed, transport gear	km/h mph	0-12,0 0.0-7.5
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	30/40

Vibration

Vibration frequency, front, I/II	Hz vpm	42/50 2,520/3,000
Amplitude, front, I/II	mm in	0,62/0,34 .024/.013
Centrifugal force, front, I/II	kN lbs	75/60 16,875/13,500

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 Gal	150 39.6
Water tank, capacity	L Gal	760 200.8
Additive tank, capacity	L Gal	22 5.8

Sound level

Sound power level L(WA), guaranteed	db(A)	108
Sound power level L(WA), representative measurement	db(A)	107

EQUIPMENT

2 water pumps | Scrapers foldable | Dashboard with displays, indicator lights and switches | Dashboard tiltable | Spring-mounted driver's seat with armrests and seat belt | HAMMTRONIC – electronic machine management | Seat operating unit, adjustable sideways and rotatable | Track offset | Compaction parameters adjustable per axle | 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

OPTIONAL EQUIPMENT

Air-conditioning system | Steering column with comfort exit and tiltable dashboard | Seat belt monitoring device | Additional drive lever, left | Process data interface for third-party provider systems, asphalt construction | Protective roof | Edge pressing and cutting equipment | Version with additional fuel prefilter | HAMM Compaction Meter (HCM) | HAMM Temperature Meter (HTM) | Track offset display | Camera system | Telematics system | Rotating beacon