

Technical data

HD+ 90 VO



Tandem rollers Series HD+

Tandem roller with vibration and oscillation drum

H258

HIGHLIGHTS

- > Seat-operating unit can be moved and rotated
- > Excellent view of machine and construction site
- > Simple, intuitive and language-neutral control
- > Compaction with oscillation
- > Track offset for comfortable starting and driving away and compacting at curbsides

TECHNICAL DATA HD+ 90 VO (H258)

Weights

Operating weight with cab	kg lbs	9680 21,344
Operating weight with ROPS	kg lbs	9520 20,992
Maximum operating weight	kg lbs	10380 22,888
Static linear load, front/rear	kg/cm lbs/in	28,5/29,1 159.6/163.0
French classification, value/class		22,4/VT1

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	1850 72.8
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/rear	mm in	1680/1680 66.1/66.1
Drum diameter, front/rear	mm in	1200/1200 47.2/47.2
Drum thickness, front/rear	mm in	17/20 0.7/0.8
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm in	170 6.7

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
Speed, transport gear	km/h mph	0-12,0 0.0-7.5
Regulation, infinitely variable		HAMMTRONIC

Travel drive

Gradeability, with/without vibration	%	35/40
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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

Oscillation

Oscillation force, rear	kN lbs	128 28,800
Oscillation frequency, rear	Hz vpm	39 2,340
Tangential amplitude, rear	mm in	1,25 .049

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

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