

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 the machine and the construction site
- > Simple, intuitive and language-neutral operation
- > Compaction with oscillation
- > Track offset for comfortable start up, moving away and compacting at curb edges

TECHNICAL DATA HD+ 90 VO (H258)

Weights

Operating weight with cab	kg	9680
Operating weight with ROPS	kg	9520
Maximum operating weight	kg	10380
Static linear load, front/rear	kg/cm	28,5/29,1
French classification, value/class		22,4/VT1

Machine dimensions

Total length	mm	4600
Total height with cab	mm	3050
Height loading, min.	mm	2185
Centre distance	mm	3400
Total width with cab	mm	1800
Maximum working width	mm	1850
Kerb clearance, left/right	mm	790/790
Turning radius, inside	mm	5250

Drum dimensions

Drum width, front/rear	mm	1680/1680
Drum diameter, front/rear	mm	1200/1200
Drum thickness, front/rear	mm	17/20
Drum type, front		Smooth/non-split
Drum type, rear		Smooth/non-split
Track offset, left/right	mm	170

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	0-6,0
Speed, transport gear	km/h	0-12,0
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	35/40

Vibration

Vibration frequency, front, I/II	Hz	42/50
Amplitude, front, I/II	mm	0,62/0,34
Centrifugal force, front, I/II	kN	75/60

Oscillation

Oscillation force, rear	kN	128
Oscillation frequency, rear	Hz	39
Tangential amplitude, rear	mm	1,25

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	150
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Tank capacity/filling capacity

Water tank, capacity	L	760
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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