

Technical data

HD+ 90 VO



Tandem rollers Series HD+

Tandem roller with vibrating roller drum 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
Operating weight, max.	kg	10380
Static linear load, front/rear	kg/cm	28,5/29,1
French classific., data/class		22,4/VT1

Machine dimensions

Total length	mm	4600
Total height with cab	mm	3050
Height loading, min.	mm	2185
Wheel base	mm	3400
Total width with cab	mm	1800
Max. 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
Version		TCD 2012 L04 2V
Number of cylinders		4
Power rat. ISO 14396, kW/PS/rpm		100,0/136,0/2300
Power rating SAE J1349, kW/HP/rpm		100,0/134,0/2300
Emission standard		EU Stage IIIA / EPA Tier 3

Drive

Speed, working gear	km/h	0-6,0
Speed, transportation gear	km/h	0-12,0
Regulation, infinitely variable		Hammtronic
Climbing ability, vibration on/off	%	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

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

Sprinkler system

Water sprinkler, type		Pressure
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Tank capacity/Fill capacity

Water tank, capacity	L	760
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Sound level

Sound power level L(WA), guaranteed	db(A)	108
Acoustic power LW(A), measured	db(A)	104

EQUIPMENT

2 water pumps | Foldable scraper | Dashboard with displays, indicator lights and switches | Tilttable dashboard | Spring-mounted driver's seat with armrests and safety belt | Hammtronic - electronic machine management | Seat-operating unit, can be moved and rotated laterally | Track offset | Vibration parameters, adjustable individually | Spray system with spray bars front and rear | Water filtering (triple) | Water tank front and rear, can be filled from both sides | Central water drain

OPTIONAL EQUIPMENT

Air conditioning | Steering column with comfort exit and tilttable dashboard | Safety belt monitoring device | Additional drive lever, left | HCQ Navigator | 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 | Rotating beacon