

HD+ 90 VO-S

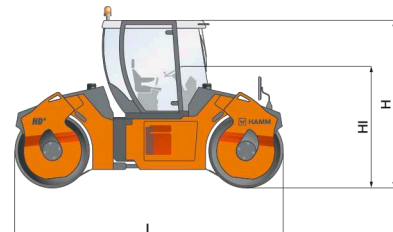
Tandem roller with vibrating roller drum and oscillation drum
Tandem rollers Series HD+ / Series H185












HIGHLIGHTS HD+

- > Simple, intuitive and language-neutral operation
- > Excellent view of the machine and the construction site
- > Seat operating unit can be moved and rotated
- > Track offset for comfortable start up, moving away and compacting at curb edges
- > Compaction with oscillation

Machine dimensions		
Total length (L)	mm	4600
Width (B)	mm	1800
Total height (H)	mm	3050
Drum width (X)	mm	1680/1680
Height loading, min. (HI)	mm	2185



TIER 3
EU Stage IIIA / EPA Tier 3

TECHNICAL DATA		Unit	HD+ 90 VO-S
	Weights		
	Operating weight with cab	kg	9620
	Operating weight with ROPS	kg	9460
	Operating weight, max.	kg	12140
	Static linear load, front/rear	kg/cm	29,8/27,4
	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
	Ground 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	17/17
	Drum type, front		smooth/divided
	Drum type, rear		smooth/non-divided
	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	42/55
	Amplitude, front, I/II	mm	0,61/0,39
	Centrifugal force, front, I/II	kN	84/94
	Oscillation		
	Oscillation force, rear	kN	144
	Oscillation frequency, rear	Hz	39
	Tangential amplitude, rear	mm	1,44
	Steering		
	Oscillation angle +/-	°	10
	Steering, type		Articulated steering
	Sprinkler system		
	Water sprinkler, type		Pressure
	Tank capacity/Fill capacity		
	Fuel tank, capacity	L	150
	Water tank, capacity	L	834
	Sound level		
	Acoustic power LW(A), sticker		108
	Acoustic power LW(A), measured		107

EQUIPMENT

OPTIONAL EQUIPMENT

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