

# HD 90

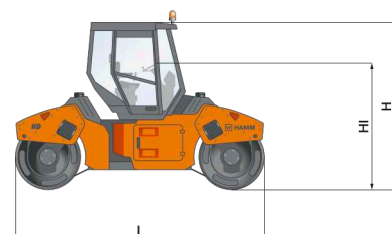
Tandem roller with two vibrating roller drums  
Tandem rollers Series HD / Series H181



## HIGHLIGHTS HD

- > Ergonomic driver seat with 2 multifunction drive levers
- > Driver seat including steering wheel and instrument panel can be swivelled and rotated
- > Clear view of drum surface, its outer edge and working environment
- > Hydrostatic all-wheel drive for excellent hill climbing ability
- > Diesel engine with high power and low sound level
- > Pressure sprinkler system with 2 water pumps; spray nozzles visible from driver seat

Machine dimensions		
Total length (L)	mm	4600
Width (B)	mm	1810
Total height (H)	mm	3040
Drum width (X)	mm	1680/1680
Height loading, min. (HI)	mm	2360



EU Stage  
IIIA / EPA  
Tier 3

TECHNICAL DATA		Unit	HD 90
	<b>Weights</b>		
	Operating weight with cab	kg	9190
	Operating weight with ROPS	kg	8925
	Operating weight, max.	kg	11840
	Static linear load, front/rear	kg/cm	27,6/27,1
	<b>Machine dimensions</b>		
	Total length	mm	4600
	Total height with cab	mm	3040
	Height loading, min.	mm	2360
	Wheel base	mm	3400
	Total width with cab	mm	1810
	Max. working width	mm	1780
	Ground clearance, left/right	mm	790/790
	Turning radius, inside	mm	3961
	<b>Drum dimensions</b>		
	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/non-divided
	Drum type, rear		smooth/non-divided
	Track offset, left/right	mm	100
	<b>Diesel engine</b>		
	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
	Emissions standard EU/USA		EU Stage IIIA / EPA Tier 3
	<b>Drive</b>		
	Speed, working gear	km/h	0-7,4
	Speed, transportation gear	km/h	0-14,8
	Climbing ability, vibration on/off	%	30/40
	<b>Vibration</b>		
	Vibration frequency, front, I/II	Hz	42/50
	Vibration frequency, rear, I/II	Hz	42/50
	Amplitude, front, I/II	mm	0,66/0,37
	Amplitude, rear, I/II	mm	0,66/0,37
	Centrifugal force, front, I/II	kN	75/60
	Centrifugal force, rear, I/II	kN	75/60
	<b>Steering</b>		
	Oscillation angle +/-	°	10
	Steering, type		Articulated steering
	<b>Sprinkler system</b>		
	Water sprinkler, type		Pressure
	<b>Tank capacity/Fill capacity</b>		
	Fuel tank, capacity	L	185
	Water tank, capacity	L	900
	<b>Sound level</b>		
	Acoustic power LW(A), sticker		106
	Acoustic power LW(A), measured		106

#### EQUIPMENT

2 drive levers, Amplitude switchable: large/small, Handrails, Lighting package as per road traffic regulations, Operator's platform with entry from both sides, Speedometer, Seat-operating unit, rotatable, with armrests and safety belt, Vibration front and rear, switchable single and doubled, Handrails on the operator's platform

#### OPTIONAL EQUIPMENT

Water tank cover, lockable, Working lights, Back-up alarm (reversing), Frequency control, Speedometer, HAMM Temperature Meter, HAMM Compaction Meter, Heating, Track offset display, Edge pressing and cutting equipment, Air conditioning, Engine rpm counter, ROPS, rigid, Rotating beacon, Protective roof, Automatic vibration system, Version with additional fuel prefilter, ROPS cabin, Telematics interface

**HAMM AG**  
Hammstraße 1  
D-95643 Tirschenreuth  
Tel. +49 9631 80-0  
Fax +49 9631 80-111  
www.hamm.eu

