

# HD 90

Tandem roller with two vibrating roller drums

Tandem rollers Series HD / Series H181



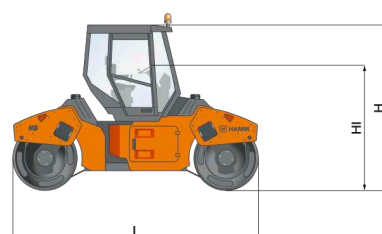
## HIGHLIGHTS HD

- > 3-point articulation for even weight distribution and excellent on-centre feel
- > Simple, intuitive and language-neutral operation
- > Ergonomic driver platform with rotatable seat operating unit and adjustable driver's seat
- > Excellent view of the machine and the construction site
- > Track offset for comfortable start up, moving away and compacting at curb edges









### 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. (Hl)	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
	French classific., data/class		22,4/VT1
	<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
	Kerb 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-split
	Drum type, rear		Smooth/non-split
	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
	Emission standard		EU Stage IIIA / EPA Tier 3
	Exhaust gas after-treatment		-
	<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	700
	<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

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

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