

HD 090V

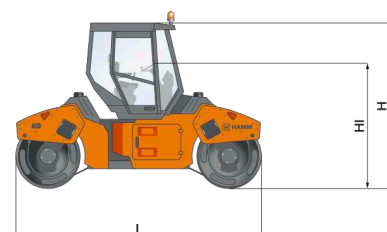
Tandem roller with vibrating roller drum and oscillation drum
Tandem rollers Series HD / Series H181














HIGHLIGHTS HD

- > 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
- > Compaction with oscillation

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



TECHNICAL DATA		Unit	HD O90V
	Weights		
	Operating weight with cab	kg	9180
	Operating weight with ROPS	kg	8915
	Operating weight, max.	kg	11830
	Static linear load, front/rear	kg/cm	27,3/27,4
	French classific., data/class		22,2/VT1
	Machine dimensions		
	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
	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	100
	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
	Exhaust gas after-treatment		-
	Drive		
	Speed, working gear	km/h	0-7,4
	Speed, transportation gear	km/h	0-14,8
	Climbing ability, vibration on/off	%	30/40
	Vibration		
	Vibration frequency, front, I/II	Hz	42/50
	Amplitude, front, I/II	mm	0,66/0,37
	Centrifugal force, front, I/II	kN	75/60
	Oscillation		
	Oscillation force, rear, I/II	kN	92/128
	Oscillation frequency, rear, I/II	Hz	33/39
	Tangential amplitude, rear, I/II	mm	1,25/1,25
	Steering		
	Oscillation angle +/-	°	10
	Steering, type		Articulated steering
	Sprinkler system		
	Water sprinkler, type		Pressure
	Tank capacity/Fill capacity		
	Fuel tank, capacity	L	185
	Water tank, capacity	L	700
	Sound level		
	Acoustic power LW(A), sticker		107
	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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