

# 3414 VIO

Soil compactor with VIO-drum

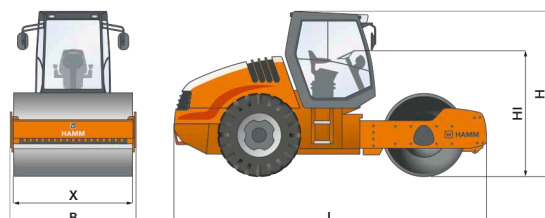
Compactors Series 3000 / Series H180














## HIGHLIGHTS 3000

- > 3-point articulation for outstanding traction and off-road mobility
- > Simple, intuitive and language-neutral operation
- > Ergonomic driver platform with rotatable seat operating unit, adjustable driver's seat and tilting steering column
- > Excellent view of the machine and the construction site
- > Compaction system VIO – vibration or oscillation

Machine dimensions		
Total length (L)	mm	5705
Width (B)	mm	2250
Total height (H)	mm	2990
Drum width (X)	mm	2140
Height loading, min. (Hl)	mm	2325



**TIER 3**  
EU Stage IIIA / EPA Tier 3

TECHNICAL DATA		Unit	3414 VIO
	<b>Weights</b>		
	Operating weight with cab	kg	14010
	Operating weight with ROPS	kg	13790
	Basic weight no cab, without ROPS	kg	13340
	Operating weight, max.	kg	16830
	Axle load, front/rear	kg	7965/6045
	Static linear load, front	kg/cm	37,2
	French classific., data/class		51,14/VM3
	Load per tyre, rear	kg	3022,5
	<b>Machine dimensions</b>		
	Total length	mm	5705
	Total height with cab	mm	2990
	Total height with ROPS	mm	2945
	Height loading, min.	mm	2325
	Wheel base	mm	3015
	Total width with cab	mm	2250
	Max. working width	mm	2140
	Ground clearance, centre	mm	375
	Kerb clearance, left/right	mm	465/465
	Turning radius, inside	mm	3690
	Angle of driving slope, front/rear	°	31/34
	<b>Drum dimensions</b>		
	Drum width, front	mm	2140
	Drum diameter, front	mm	1504
	Drum thickness, front	mm	30
	Drum type, front		smooth
	<b>Wheel dimensions</b>		
	Size of tyres, rear		AW 23.1-26 12 PR
	Width over tyres, rear	mm	2130
	Number of tyres, rear		2
	<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
	<b>Drive</b>		
	Speed, working gear	km/h	0-3,7/0-5,4/0-6,0
	Speed, transportation gear	km/h	0-11,7
	Climbing ability, vibration on/off	%	50/55
	<b>Vibration</b>		
	Vibration frequency	Hz	33
	Amplitude, vibration	mm	1,89
	Centrifugal force, vibr.	kN	279
	<b>Oscillation</b>		
	Oscillation force	kN	230
	Oscillation frequency	Hz	30
	Tangential amplitude, oscillation	mm	1,74
	<b>Steering</b>		
	Oscillation angle +/-	°	10
	Steering, type		Articulated steering
	<b>Tank capacity/Fill capacity</b>		
	Fuel tank, capacity	L	290
	<b>Sound level</b>		
	Acoustic power LW(A), sticker	db(A)	108
	Acoustic power LW(A), measured	db(A)	105

#### EQUIPMENT

2 armrests, 3-point articulation, Adjustable scraper, Dashboard with displays, indicator lights and switches, Automatic traction control and anti-slip control, Battery isolation switch, Control console with steering column adjustment, Operator's platform with entry from both sides, Speed preselect, Hydrostatic steering, Vibration-isolated operator's platform, Stepless hydrostatic all-wheel drive

#### OPTIONAL EQUIPMENT

Auxiliary heater, Radio, Tachograph, HCQ Navigator, Protective roof, Padfoot shells, Version with additional fuel prefilter, HAMM Compaction Meter (HCM), Speedometer, Frequency display, vibration, Back-up alarm (reversing), Telematics interface, Working lights, Rotating beacon, Protective grille for lighting package, Hydraulic hose protection on front frame, Tool kit

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