A WIRTGEN GROUP COMPANY

HAMM

Technical data

3414 VIO

Compactors Series 3000 | **H180**

Compactor with VIO drum

HIGHLIGHTS

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

TECHNICAL DATA 3414 VIO (H180)

Weights		
Operating weight with cab	kg	14010
Operating weight with ROPS	kg	13790
Empty weight without cab, without ROPS	kg	13340
Max. operating weight	kg	16830
Axle load, front/rear	kg	7965/6045
Static linear load, front	kg/cm	37,2
French classification, value/class		51,14/VM3
Wheel load per tyre, rear	kg	3022,5
Machine dimensions		
Total length	mm	5705
Total height with cab	mm	2990
Total height with ROPS	mm	2945
Height loading, min.	mm	2325
Centre distance	mm	3015
Total width with cab	mm	2250
Maximum working width	mm	2140
Ground clearance, centre	mm	375
Kerb clearance, left/right	mm	465/465
Turning radius, inside	mm	3690
Slope angle, front/rear	°	31/34
Drum dimensions		
Drum width, front	mm	2140
Drum diameter, front	mm	1504
Drum thickness, front	mm	30
Drum type, front		Smooth
Tyre dimensions		
Tyre size, rear		AW 23.1-26 12 PR
Width over tyres, rear	mm	2130
Number of tyres, rear		2
Diesel engine		
Manufacturer		DEUTZ
Model		TCD 2012 L04 2V
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		100,0/136,0/2300
Power SAE J1349, kW/HP/rpm		100,0/134,0/2300
Exhaust emission standard		EU Stage IIIA / EPA Tier 3
Travel drive		
Speed, working gear	km/h	0-3,7/0-5,4/0-6,0
Speed, transport gear	km/h	0-11,7
Gradeability, with/without vibration	%	50/55
Vibration		
Vibration frequency	Hz	33
Amplitude, vibr.	mm	1,89
Centrifugal force, vibr.	kN	279
Oscillation		
Oscillation force	kN	230
Oscillation frequency	Hz	30

Oscillation		
Tangential amplitude, oscillation	mm	1,74
Steering		
Swing angle +/-	°	10
Steering, type		Articulated steering
Tank capacity/filling capacity		
Fuel tank, capacity	L	290
Sound level		
Sound power level L(WA), guaranteed	db(A)	108
Sound power level L(WA), representative measurement	db(A)	105

EQUIPMENT

2 x armrests | 3-point articulation | Adjustable scraper | Dashboard with displays, indicator lights and switches | Automatic traction control and anti-slip control | Battery isolation switch | Driver's platform with steering column adjustment | Driver’s platform with entry from both sides | Speed preselect | Hydrostatic steering | Vibration-isolated driver'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 | Telematics system | Working spotlights | Rotating beacon | Protective grille for lighting package | Hydraulic hose protection on the front frame | Tool kit

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