A WIRTGEN GROUP COMPANY

HAMM

Technical data

3414

Soil Compactors Series 3000 | **H180**

Soil compactor with smooth drum

HIGHLIGHTS

> 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
> High compaction performance thanks to high line load and big amplitudes
> Excellent view of the machine and the construction site

TECHNICAL DATA 3414 (H180)

Weights		
Operating weight with cab	kg	14240
Operating weight with ROPS	kg	14020
Basic weight no cab, without ROPS	kg	13570
Operating weight, max.	kg	17060
Axle load, front/rear	kg	8215/6025
Static linear load, front	kg/cm	38,4
French classific., data/class		53,07/VM3
Load per tyre, rear	kg	3012,5
Machine dimensions		
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
Drum dimensions		
Drum width, front	mm	2140
Drum diameter, front	mm	1504
Drum thickness, front	mm	30
Drum type, front		smooth
Wheel dimensions		
Size of tyres, rear		AW 23.1-26 12 PR
Width over tyres, rear	mm	2130
Number of tyres, rear		2
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
Drive		
Speed, working gear	km/h	0-4,7/0-5,4/0-6,0
Speed, transportation gear	km/h	0-11,7
Climbing ability, vibration on/off	%	48/53
Vibration		
Vibration frequency, front, I/II	Hz	30/40
Amplitude, front, I/II	mm	1,95/0,90
Centrifugal force, front, I/II	kN	256/215
Steering		
Oscillation angle +/-	°	10

Steering		
Steering, type		Articulated steering
Tank capacity/Fill capacity		
Fuel tank, capacity	L	290
Sound level		
Sound power level L(WA), guaranteed	db(A)	106
Acoustic power L(WA), measured	db(A)	103

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

Further data on request / subject to change Illustrations may contain optional features.© **Hamm AG** 2023 - 2233194 en-GB V8