A WIRTGEN GROUP COMPANY

HAMM

Technical data

3520

Compactors Series 3000 | **H176**

Compactor with smooth drum

HIGHLIGHTS

> Excellent view of the machine and the construction site
> 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
> High compaction performance thanks to high line load and big amplitudes
> Simple, intuitive and language-neutral operation

TECHNICAL DATA 3520 (H176)

Weights		
Operating weight with cab	kg	19800
Operating weight with ROPS	kg	19580
Max. operating weight	kg	23390
Axle load, front/rear	kg	12490/7310
Static linear load, front	kg/cm	56,3
French classification, value/class		79,62/VM5
Machine dimensions		
Total length	mm	6210
Total height with cab	mm	2980
Height loading, min.	mm	2325
Centre distance	mm	3165
Total width with cab	mm	2390
Ground clearance, centre	mm	425
Turning radius, inside	mm	4180
Slope angle, front/rear	°	34/27
Drum dimensions		
Drum width, front	mm	2220
Drum diameter, front	mm	1600
Drum thickness, front	mm	45
Drum type, front		Smooth
Tyre dimensions		
Tyre size, rear		AW 23.1-26 12 PR
Diesel engine		
Manufacturer		DEUTZ
Model		TCD 2012 L06 2V
Cylinders, quantity		6
Power ISO 14396, kW/PS/rpm		155,0/210,8/2300
Power SAE J1349, kW/HP/rpm		155,0/207,7/2300
Exhaust emission standard		EU Stage IIIA / EPA Tier 3
Travel drive		
Speed, working gear	km/h	0-4,2/0-5,6/0-6,7
Speed, transport gear	km/h	0-11,4
Gradeability, with/without vibration	%	50/55
Vibration		
Vibration frequency, front, I/II	Hz	27/30
Amplitude, front, I/II	mm	2,00/1,19
Centrifugal force, front, I/II	kN	331/243
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)	105
Sound power level L(WA), representative measurement	db(A)	103

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 | Handrails on driver's platform | Dozer blade

OPTIONAL EQUIPMENT

ROPS, rigid | Auxiliary heater | Radio | Protective roof | Padfoot shells | Version with additional fuel prefilter | HAMM Compaction Meter (HCM) | Speedometer with display unit | Frequency display, vibration | Back-up alarm | Automatic vibration system | Working spotlights | Rotating beacon | Protective grille for lighting package | Hose protection

Further data on request/subject to change Illustrations may contain optional features.© **Hamm AG** 2023 - 2233177 en-GB V7