

Technical data

# 3516



**Soil Compactors Series 3000**  
Soil compactor with smooth drum

**H176**

## 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
- > High compaction performance thanks to high line load and big amplitudes

## TECHNICAL DATA 3516 (H176)

## Weights

Operating weight with cab	kg	15755
Operating weight with ROPS	kg	15535
Operating weight, max.	kg	18810
Axle load, front/rear	kg	9305/6450
Static linear load, front	kg/cm	43,5
French classific., data/class		59,96/VM4

## Machine dimensions

Total length	mm	6075
Total height with cab	mm	3020
Height loading, min.	mm	2290
Wheel base	mm	3090
Total width with cab	mm	2270
Ground clearance, centre	mm	375
Turning radius, inside	mm	4360
Angle of driving slope, front/rear	°	31/27

## 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
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## Diesel engine

Manufacturer		DEUTZ
Version		TCD 2012 L06 2V
Number of cylinders		6
Power rat. ISO 14396, kW/PS/rpm		155,0/210,8/2300
Power rating SAE J1349, kW/HP/rpm		155,0/207,7/2300
Emission standard		EU Stage IIIA / EPA Tier 3

## Drive

Speed, working gear	km/h	0-4,4/0-5,9/0-6,9
Speed, transportation gear	km/h	0-11,3
Climbing ability, vibration on/off	%	47/52

## Vibration

Vibration frequency, front, I/II	Hz	30/40
Amplitude, front, I/II	mm	1,90/0,90
Centrifugal force, front, I/II	kN	256/215

## Steering

Oscillation angle +/-	°	10
Steering, type		Articulated steering

## Tank capacity/Fill capacity

Fuel tank, capacity	L	290
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## Sound level

Sound power level L(WA), guaranteed	db(A)	105
Acoustic power LW(A), 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 | Handrails on the operator'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 | Frequency display, vibration | Back-up alarm (reversing) | Automatic vibration system | Working lights | Rotating beacon | Protective grille for lighting package | Hose protection