

Technical data

3520



Soil Compactors Series 3000

Soil compactor with smooth drum

H176

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
Operating weight, max.	kg	23390
Axle load, front/rear	kg	12490/7310
Static linear load, front	kg/cm	56,3
French classific., data/class		79,62/VM5

Machine dimensions

Total length	mm	6210
Total height with cab	mm	2980
Height loading, min.	mm	2325
Wheel base	mm	3165
Total width with cab	mm	2390
Ground clearance, centre	mm	425
Turning radius, inside	mm	4180
Angle of driving slope, 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

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	0-4,2/0-5,6/0-6,7
Speed, transportation gear	km/h	0-11,4
Climbing ability, vibration on/off	%	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

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