

Technical data

3520 P



Soil Compactors Series 3000
Soil compactor with padfoot drum

H176

HIGHLIGHTS

- > 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
- > 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

TECHNICAL DATA 3520 P (H176)

Weights

Operating weight with cab	kg	20000
Operating weight with ROPS	kg	19780
Operating weight, max.	kg	21730
Axle load, front/rear	kg	12690/7310
French classific., data/class		79,46/VP5

Machine dimensions

Total length	mm	6210
Total height with cab	mm	3050
Height loading, min.	mm	2350
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	°	37/27

Drum dimensions

Drum width, front	mm	2220
Drum diameter, front	mm	1784
Drum thickness, front	mm	35
Drum type, front		Padfoot
Height of the padfeet	mm	100
Padfeet, number		150

Wheel dimensions

Size of tyres, rear		TR 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	0-3,8/0-5,3/0-5,9
Speed, transportation gear	km/h	0-11,1
Climbing ability, vibration on/off	%	51/56

Vibration

Vibration frequency, front, I/II	Hz	27/30
Amplitude, front, I/II	mm	1,93/1,15
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
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Sound level

Acoustic power LW(A), measured	db(A)	103
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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 | 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