

Technical data

3520 HT



Compactors Series 3000

Compactor with smooth drum

H176

HIGHLIGHTS

- > Excellent view of machine and construction site
- > 3-point articulation for excellent traction and cross-country mobility
- > Simple, intuitive and language-neutral control
- > Electronic machine management Hammtronic
- > Ergonomic driver platform with rotatable seat operating unit, adjustable driver's seat and tiltable steering column

TECHNICAL DATA 3520 HT (H176)

Weights

Operating weight with cab	kg lbs	19800 43,659
Operating weight with ROPS	kg lbs	19580 43,174
Operating weight, max.	kg lbs	23390 51,575
Axle load, front/rear	kg lbs	12490/7310 27,540/16,119
Static linear load, front	kg/cm lbs/in	56,3 315.3
French classific., data/class		79,62/VM5

Machine dimensions

Total length	mm in	6210 244.5
Total height with cab	mm in	2980 117.3
Height, loading, min.	mm in	2325 91.5
Wheelbase	mm in	3165 124.6
Total width with cab	mm in	2390 94.1
Ground clearance, center	mm in	425 16.7
Turning radius, inside	mm in	4180 164.6
Angle of driving slope, front/rear	°	34/27

Drum dimensions

Drum width, front	mm in	2220 87.4
Drum diameter, front	mm in	1600 63.0
Drum thickness, front	mm in	45 1.8
Drum type, front		Smooth

Wheel dimensions

Size of tires, rear		AW 23.1-26 12 PR
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Diesel engine

Manufacturer		DEUTZ
Type		TCD 1012 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, infinitely variable	km/h mph	0 - 13,0 0.0 - 8.1
Regulation, infinitely variable		Hammtronic

Drive

Climbing ability, vibration on/off	%	56/61
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Vibration

Vibration frequency, front, I/II	Hz vpm	27/30 1,620/1,800
Amplitude, front, I/II	mm in	2,00/1,19 .079/.047
Centrifugal force, front, I/II	kN lbs	331/243 74,475/54,675

Steering

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

Tank capacity/Fill capacity

Fuel tank, capacity	L Gal	290 76.6
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Sound level

Sound power level L(WA), guaranteed	db(A)	105
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 platform 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 | Handrail at operator's platform | Dozer blade

OPTIONAL EQUIPMENT

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