

Technical data

3516



Compactors Series 3000

Compactor with smooth drum

H176

HIGHLIGHTS

- > Ergonomic driver platform with rotatable seat operating unit, adjustable driver's seat and tiltable steering column
- > 3-point articulation for excellent traction and cross-country mobility
- > Simple, intuitive and language-neutral control
- > Excellent view of machine and construction site
- > High compaction performance due to linear load and big amplitudes

TECHNICAL DATA 3516 (H176)

Weights

Operating weight with cab	kg lbs	15755 34,740
Operating weight with ROPS	kg lbs	15535 34,255
Operating weight, max.	kg lbs	18810 41,476
Axle load, front/rear	kg lbs	9305/6450 20,518/14,222
Static linear load, front	kg/cm lbs/in	43,5 243.6
French classific., data/class		59,96/VM4

Machine dimensions

Total length	mm in	6075 239.2
Total height with cab	mm in	3020 118.9
Height, loading, min.	mm in	2290 90.2
Wheelbase	mm in	3090 121.7
Total width with cab	mm in	2270 89.4
Ground clearance, center	mm in	375 14.8
Turning radius, inside	mm in	4360 171.7
Angle of driving slope, front/rear	°	31/27

Drum dimensions

Drum width, front	mm in	2140 84.3
Drum diameter, front	mm in	1504 59.2
Drum thickness, front	mm in	30 1.2
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 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 mph	0-4,4/0-5,9/0-6,9 0.0-2.7/0.0-3.7/0.0-4.3
Speed, transportation gear	km/h mph	0-11,3 0.0-7.0

Drive

Climbing ability, vibration on/off	%	47/52
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Vibration

Vibration frequency, front, I/II	Hz vpm	30/40 1,800/2,400
Amplitude, front, I/II	mm in	1,90/0,90 .075/.035
Centrifugal force, front, I/II	kN lbs	256/215 57,600/48,375

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) | Speedometer | Frequency display, vibration | Back-up alarm | Automatic vibration system | Working light | Rotating beacon | Protective grille for lighting package | Hose protection