

Technical data

H 18i



Compactors Series H
Compactor with smooth drum

H268

HIGHLIGHTS

- > High compaction performance due to linear load and big amplitudes
- > Excellent view of machine and construction site
- > Electronic machine management Hammtronic
- > Operating concept Easy Drive
- > 3-point articulation for excellent traction and cross-country mobility

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Weights

Operating weight with cab	kg lbs	18415 40,605
Operating weight with ROPS	kg lbs	18225 40,186
Operating weight, max.	kg lbs	20540 45,291
Axle load, front/rear	kg lbs	11900/6515 26,239/14,366
Static linear load, front	kg/cm lbs/in	55,6 311.3
French classific., data/class		79,6/VM5
Load per tire, rear	kg lbs	3257,5 7,183

Machine dimensions

Total length	mm in	6600 259.8
Total height with cab	mm in	2970 116.9
Height, loading, min.	mm in	2320 91.3
Wheelbase	mm in	3265 128.5
Total width with cab	mm in	2308 90.9
Ground clearance, center	mm in	390 15.4
Turning radius, inside	mm in	4200 165.4
Angle of driving slope, front/rear	°	43/28

Drum dimensions

Drum width, front	mm in	2140 84.3
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
Width over tires, rear	mm in	2160 85.0
Number of tires, rear		2

Diesel engine

Manufacturer		DEUTZ
Type		TCD 6.1 L6
Number of cylinders		6
Power rat. ISO 14396, kW/PS/rpm		160,0/217,6/2300
Power rating SAE J1349, kW/HP/rpm		160,0/214,4/2300
Emission standard		EU Stage V / EPA Tier 4

Diesel engine

Exhaust gas after-treatment		DOC-DPF-SCR
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Drive

Speed, infinitely variable	km/h mph	0 - 12,0 0.0 - 7.5
Regulation, infinitely variable		Hammatronic
Climbing ability, vibration on/off	%	53/58

Vibration

Vibration frequency, front, I/II	Hz vpm	27/30 1,620/1,800
Amplitude, front, I/II	mm in	2,05/1,22 .081/.048
Centrifugal force, front, I/II	kN lbs	331/242 74,475/54,450

Steering

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

Tank capacity/Fill capacity

Fuel tank, capacity	L Gal	280 74.0
AdBlue/DEF tank, content	L Gal	32 8.5

Sound level

Sound power level L(WA), guaranteed	db(A)	106
Acoustic power L(WA), measured	db(A)	104

EQUIPMENT

12 V outlets (double) | 2 large working and rear view mirrors | 3-point articulation | Dashboard with displays, indicator lights and function key | Operating concept Easy Drive | ECO mode | Speed preselect | Hose protection on front vehicle | Automatic vibration system | Lighting package as per road traffic regulations | Camera system

OPTIONAL EQUIPMENT

ROPS cabin with heating and air conditioning, FOPS-approved (level I) | Safety belt monitoring device | Armrest comfort setting, left | Auxiliary heater | Radio | Tachograph | Bluetooth interface for Smart Doc | HCQ navigator | Dozer blade | Frequency regulation | HAMM Compaction Meter (HCM) | Automatic engine-off function | Telematics interface | Working light | Rotating beacon | Engine hood with electrical easy access engine cover release | Coming home lighting | Battery isolating switch | Homologation | Tool kit