

Technical data

HC 180



Compactors Series HC
Compactor with smooth drum

H257

HIGHLIGHTS

- > High compaction performance
- > Spacious driver's platform with Easy Drive operating concept
- > Hammtronic for high comfort, safety and reduced emissions
- > Customised configuration possibilities and a wide range of options
- > Digital ready

TECHNICAL DATA HC 180 (H257)

Weights

Operating weight with cab	kg lbs	16885 37,231
Operating weight with ROPS	kg lbs	16665 36,746
Empty weight without cab, without ROPS	kg lbs	15800 34,839
Max. operating weight	kg lbs	20030 44,166
Axle load, front/rear	kg lbs	11170/5715 24,630/12,602
Axle load at max. operating weight, front/rear	kg lbs	13990/6340 30,848/13,980
Static linear load, front	kg/cm lbs/in	52,2 292.3
French classification, value/class		73,24/VMS
Wheel load per tire, rear	kg lbs	2857,5 6,301

Machine dimensions

Total length	mm in	6527 257.0
Total height with cab	mm in	3046 119.9
Total height with ROPS	mm in	3054 120.2
Height loading, min.	mm in	3046 119.9
Center distance	mm in	3267 128.6
Total width with cab	mm in	2474 97.4
Maximum working width	mm in	2140 84.3
Ground clearance, center	mm in	453 17.8
Curb clearance, left/right	mm in	469/496 18.5/19.5
Turning radius, inside	mm in	4137 162.9
Slope angle, front/rear	°	34,9/25,7

Drum dimensions

Drum width, front	mm in	2140 84.3
Drum diameter, front	mm in	1504 59.2
Drum thickness, front	mm in	45 1.8
Drum type, front		Smooth

Tire dimensions

Tire size, rear		AW 23.1-26 12 PR
Width over tires, rear	mm in	2140 84.3
Number of tires, rear		2

Diesel engine

Manufacturer		DEUTZ
Model		TCD 2012 L06 2V
Cylinders, quantity		6
Power ISO 14396, kW/PS/rpm		150,0/203,9/2000
Power SAE J1349, kW/HP/rpm		150,0/201,2/2000
Exhaust emission standard		UN ECE R96 (Tier 3)
Exhaust emissions category, EU		EU Stage IIIA
Exhaust emissions category, USA		EPA Tier 3
Exhaust gas after-treatment		-

Travel drive

Speed, infinitely variable	km/h mph	0 - 11,9 0.0 - 7.4
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	51/57

Vibration

Vibration frequency, front, level I/II	Hz vpm	28/31 1,680/1,860
Amplitude, front, level I/II	mm in	2,10/1,35 .083/.053
Centrifugal force, front, level I/II	kN lbs	330/260 74,250/58,500

Steering

Steering angle +/-	°	35
Pendulum angle +/-	°	max. 12
Steering, type		Articulated steering

Tank capacity/filling capacity

Fuel tank, capacity	L Gal	336 88.8
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Sound level

Sound power level L(WA), guaranteed	db(A)	107
Sound power level L(WA), representative measurement	db(A)	104

EQUIPMENT

12 V sockets (2-fold) | Two large exterior rear-view mirrors | 3-point articulation | Dashboard with displays, indicator lights and function keys | Easy Drive operating concept | ECO mode | Speed preselect | Hose protection on the front vehicle | Vibration-isolated driver's platform | Automatic vibration system | Traction Control, manual | Plastic scraper, for smooth drum

OPTIONAL EQUIPMENT