

Technical data

# HC 180 P



**Compactors Series HC**  
Compactor with padfoot 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 P (H257)**

**Weights**

Operating weight with cab	kg	17640
Operating weight with ROPS	kg	17305
Empty weight without cab, without ROPS	kg	16435
Maximum operating weight	kg	18390
Axle load, front/rear	kg	11385/6255
Axle load at maximum operating weight, front/rear	kg	11410/6980
Static linear load, front	kg/cm	53,20
French classification, value/class		75,37/VPM5
Wheel load per tyre, rear	kg	3127,5

**Machine dimensions**

Total length	mm	6527
Total height with cab	mm	3046
Total height with ROPS	mm	3054
Height loading, min.	mm	3046
Centre distance	mm	3267
Total width with cab	mm	2474
Maximum working width	mm	2140
Ground clearance, centre	mm	425
Kerb clearance, left/right	mm	462/462
Turning radius, inside	mm	4137
Slope angle, front/rear	°	31,6/25,7

**Drum dimensions**

Drum width, front	mm	2140
Drum diameter, front	mm	1697
Drum thickness, front	mm	30
Drum type, front		Padfoot
Height of the padfeet	mm	112
Padfeet, quantity		130

**Tyre dimensions**

Tyre size, rear		TR 23.1/18-26 12 PR
Width over tyres, rear	mm	2140
Number of tyres, 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	0 - 11,9
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	55/61

**Vibration**

Vibration frequency, front, I/II	Hz	28/31
Amplitude, front, I/II	mm	2,15/1,35
Centrifugal force, front, I/II	kN	330/260

**Steering**

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

**Tank capacity/filling capacity**

Fuel tank, capacity	L	336
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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 | Steel scraper, for padfoot drum

**OPTIONAL EQUIPMENT**

Traction Control, automatic | ROPS cab with heating system (FOPS, level I) | Seat belt monitoring device | Armrest comfort setting, left | Auxiliary heater | Radio | Tachograph | Fire extinguisher | Bluetooth interface for Smart Doc | Dashboard cover | Dozer blade | Automatic engine stop | Camera system | Working spotlights | Rotating beacon | Engine hood with electrical release mechanism | Coming Home function | Battery isolation switch | Tool kit