

Technical data

# HC 180i



**Compactors Series HC**  
Compactor with smooth drum

**H256**

## 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 180i (H256)**

**Weights**

Operating weight with cab	kg lbs	17340 38,235
Operating weight with ROPS	kg lbs	17005 37,496
Empty weight without cab, without ROPS	kg lbs	16135 35,578
Max. operating weight	kg lbs	19840 43,747
Axle load, front/rear	kg lbs	11085/6255 24,442/13,792
Axle load for max. operating weight, front/rear	kg lbs	12860/6980 28,356/15,391
Static linear load, front	kg/cm lbs/in	51,80 290.1
French classification, value/class		72,68/VMS
Wheel load per tire, rear	kg lbs	3127,5 6,896

**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**

Model		TCD 6.1 L6
Cylinders, quantity		6
Power ISO 14396, kW/PS/rpm		160,0/217,7/2000
Power SAE J1349, kW/HP/rpm		160,0/214,7/2000
Exhaust emission standard		EU Stage V / EPA Tier 4
Exhaust gas after-treatment		DOC-DPF-SCR

**Travel drive**

Speed, infinitely variable	km/h mph	0 - 11,9 0.0 - 7.4
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	52/58

**Vibration**

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

**Steering**

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

**Tank capacity/filling capacity**

Fuel tank, capacity	L Gal	336 88.8
AdBlue/SCR reducing agent tank, capacity	L Gal	32 8.5

**Sound level**

Sound power level L(WA), guaranteed	db(A)	106
Sound power level L(WA), representative measurement	db(A)	104

**EQUIPMENT**

12 V sockets (double) | 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**