

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 lbs | 17640 38,896 |
| Operating weight with ROPS | kg lbs | 17305 38,158 |
| Empty weight without cab, without ROPS | kg lbs | 16435 36,239 |
| Maximum operating weight | kg lbs | 18390 40,550 |
| Axle load, front/rear | kg lbs | 11385/6255 25,104/13,792 |
| Axle load at maximum operating weight, front/rear | kg lbs | 11410/6980 25,159/15,391 |
| Static linear load, front | kg/cm lbs/in | 53,20 297.9 |
| French classification, value/class | | 75,37/VPM5 |
| 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 | 425 16.7 |
| Curb clearance, left/right | mm in | 462/462 18.2/18.2 |
| Turning radius, inside | mm in | 4137 162.9 |
| Slope angle, front/rear | ° | 31,6/25,7 |

Drum dimensions

| | | |
|-----------------------|----------|--------------|
| Drum width, front | mm in | 2140 84.3 |
| Drum diameter, front | mm in | 1697 66.8 |
| Drum thickness, front | mm in | 30 1.2 |
| Drum type, front | | Padfoot |
| Height of the padfeet | mm in | 112 4.4 |
| Padfeet, quantity | | 130 |

Tire dimensions

| | | |
|-----------------|--|---------------------|
| Tire size, rear | | TR 23.1/18-26 12 PR |
|-----------------|--|---------------------|

Tire dimensions

| | | |
|------------------------|----------|--------------|
| 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 | % | 55/61 |

Vibration

| | | |
|----------------------------------|-----------|--------------------------|
| Vibration frequency, front, I/II | Hz vpm | 28/31 1,680/1,860 |
| Amplitude, front, I/II | mm in | 2,15/1,35 .085/.053 |
| Centrifugal force, front, I/II | kN lbs | 330/260 74,250/58,500 |

Steering

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

Tank capacity/filling capacity

| | | |
|---------------------|----------|-------------|
| Fuel tank, capacity | L Gal | 336 88.8 |
|---------------------|----------|-------------|

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