

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 | 17130 |
| Operating weight with ROPS | kg | 16910 |
| Empty weight without cab, without ROPS | kg | 16005 |
| Max. operating weight | kg | 20280 |
| Axle load, front/rear | kg | 11510/5620 |
| Axle load at max. operating weight, front/rear | kg | 14330/6250 |
| Static linear load, front | kg/cm | 53,79 |
| French classification, value/class | | 75,47/VMS |
| Wheel load per tyre, rear | kg | 2810 |

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 | 453 |
| Kerb clearance, left/right | mm | 469/496 |
| Turning radius, inside | mm | 4137 |
| Slope angle, front/rear | ° | 34,9/25,7 |

Drum dimensions

| | | |
|-----------------------|----|--------|
| Drum width, front | mm | 2140 |
| Drum diameter, front | mm | 1504 |
| Drum thickness, front | mm | 45 |
| Drum type, front | | Smooth |

Tyre dimensions

| | | |
|------------------------|----|------------------|
| Tyre size, rear | | AW 23.1-26 12 PR |
| Width over tyres, rear | mm | 2140 |
| Number of tyres, rear | | 2 |

Diesel engine

| | | |
|---------------------------------|--|------------------|
| Manufacturer | | DEUTZ |
| 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 emissions category, EU | | EU Stage V |
| Exhaust emissions category, USA | | EPA Tier 4 |
| Exhaust gas after-treatment | | DOC-DPF-SCR |

Travel drive

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

Vibration

| | | |
|--|----|-------|
| Vibration frequency, front, level I/II | Hz | 28/31 |
|--|----|-------|

Vibration

| | | |
|--------------------------------------|----|-----------|
| Amplitude, front, level I/II | mm | 2,10/1,35 |
| Centrifugal force, front, level I/II | kN | 330/260 |

Steering

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

Tank capacity/filling capacity

| | | |
|--|---|-----|
| Fuel tank, capacity | L | 336 |
| AdBlue/SCR reducing agent tank, capacity | L | 32 |

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

Traction Control, automatic | Plastic scraper, for smooth drum (2-fold, V-shaped) | ROPS cab with heating and air-conditioning system (FOPS, level I) | Seat belt monitoring device | Armrest comfort setting, left | Auxiliary heater | Tachograph | Fire extinguisher | Bluetooth interface for Smart Doc | Dozer blade | Padfoot shells | Frequency control | Automatic engine stop | Camera system | Back-up alarm | Working spotlights | Rotating beacon | Engine hood with electrical release mechanism | Coming Home function | Battery isolation switch | Road homologation | Additional mirror | Tool kit