

Technical data

# HC 250 C VA



**Compactors Series HC**  
Compactor with VA drum

**H257**

## HIGHLIGHTS

- > High compaction power, efficiency and process reliability
- > Spacious driver's platform with Easy Drive operating concept
- > Precise compaction measurement with new measured value (in MN/m<sup>2</sup>)
- > Automatic control of compaction using target values
- > Digital ready

## TECHNICAL DATA HC 250 C VA (H257)

## Weights

|                                                |       |            |
|------------------------------------------------|-------|------------|
| Operating weight with cab                      | kg    | 24645      |
| Operating weight with ROPS                     | kg    | 24310      |
| Empty weight without cab, without ROPS         | kg    | 23445      |
| Max. operating weight                          | kg    | 25400      |
| Axle load, front/rear                          | kg    | 17840/6805 |
| Axle load at max. operating weight, front/rear | kg    | 17870/7530 |
| Static linear load, front                      | kg/cm | 83,37      |
| French classification, value/class             |       | 127,37/VM5 |
| Wheel load per tyre, rear                      | kg    | 3402,5     |

## Machine dimensions

|                            |    |           |
|----------------------------|----|-----------|
| Total length               | mm | 6777      |
| Total height with cab      | mm | 3046      |
| Total height with ROPS     | mm | 3054      |
| Height loading, min.       | mm | 3046      |
| Centre distance            | mm | 3479      |
| Total width with cab       | mm | 2497      |
| Maximum working width      | mm | 2140      |
| Ground clearance, centre   | mm | 453       |
| Kerb clearance, left/right | mm | 469/469   |
| Turning radius, inside     | mm | 4822      |
| Slope angle, front/rear    | °  | 36,6/25,7 |

## Drum dimensions

|                       |    |        |
|-----------------------|----|--------|
| Drum width, front     | mm | 2140   |
| Drum diameter, front  | mm | 1600   |
| 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 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 emissions category         |  | UN ECE R96 (Tier 3) |
| Exhaust emissions category, Brazil |  | MAR 1               |
| Exhaust gas after-treatment        |  | -                   |

## Travel drive

|                                      |      |            |
|--------------------------------------|------|------------|
| Speed, infinitely variable           | km/h | 0 - 11,9   |
| Regulation, infinitely variable      |      | HAMMTRONIC |
| Gradeability, with/without vibration | %    | 56/62      |

## Vibration

|                            |    |      |
|----------------------------|----|------|
| Vibration frequency, front | Hz | 27   |
| Amplitude, front, max.     | mm | 2,55 |

## Vibration

|                                |    |     |
|--------------------------------|----|-----|
| Centrifugal force, front, max. | kN | 450 |
|--------------------------------|----|-----|

## Steering

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

## Tank capacity/filling capacity

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

## 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 (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, automatic | Plastic scraper, for smooth drum | ROPS cab with heating system (FOPS, level I)

## OPTIONAL EQUIPMENT

Plastic scraper, for smooth drum (2-fold, V-shaped) | Armrest comfort setting, left | Dashboard cover | Auxiliary heater | Radio | Fire extinguisher | Bluetooth interface for Smart Doc | Camera system | Working spotlights | Coming Home function | Rotating beacon | Automatic engine stop | Battery isolation switch | Engine hood with electrical release mechanism | Tool kit