

Technical data

# HC 130



**Compactors Series HC**  
Compactor with smooth drum

**H313**

## 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 130 (H313)**

**Weights**

|  |       |           |
|--|-------|-----------|
| Operating weight with cab                      | kg    | 12915     |
| Operating weight with ROPS                     | kg    | 12565     |
| Empty weight without cab, without ROPS         | kg    | 11870     |
| Max. operating weight                          | kg    | 17350     |
| Axle load, front/rear                          | kg    | 7600/5255 |
| Axle load at max. operating weight, front/rear | kg    | 9900/8960 |
| Static linear load, front                      | kg/cm | 35,79     |
| French classification, value/class             |       | 49,92/VM3 |
| Wheel load per tyre, rear                      | kg    | 2627,5    |

**Machine dimensions**

|                            |    |           |
|----------------------------|----|-----------|
| Total length               | mm | 6117      |
| Total height with cab      | mm | 3054      |
| Total height with ROPS     | mm | 3054      |
| Height loading, min.       | mm | 3054      |
| Centre distance            | mm | 3266      |
| Total width with cab       | mm | 2474      |
| Maximum working width      | mm | 2140      |
| Ground clearance, centre   | mm | 461       |
| Kerb clearance, left/right | mm | 477/477   |
| Turning radius, inside     | mm | 4131      |
| Slope angle, front/rear    | °  | 34,2/23,7 |

**Drum dimensions**

|                       |    |        |
|-----------------------|----|--------|
| Drum width, front     | mm | 2140   |
| Drum diameter, front  | mm | 1504   |
| Drum thickness, front | mm | 30     |
| Drum type, front      |    | Smooth |

**Tyre dimensions**

|                        |    |                  |
|------------------------|----|------------------|
| Tyre size, rear        |    | AW 23.1-26 12 PR |
| Width over tyres, rear | mm | 2122             |
| Number of tyres, rear  |    | 2                |

**Diesel engine**

|                             |  |                            |
|-----------------------------|--|----------------------------|
| Manufacturer                |  | JOHN DEERE                 |
| Model                       |  | JDPS 4045PTE               |
| Cylinders, quantity         |  | 4                          |
| Power ISO 14396, kW/PS/rpm  |  | 112/152,3/2200             |
| Power SAE J1349, kW/HP/rpm  |  | 112/150,0/2200             |
| Exhaust emission standard   |  | EU Stage IIIA / EPA Tier 3 |
| Exhaust emissions category  |  | UN ECE R96 (Tier 3)        |
| Exhaust gas after-treatment |  | -                          |

**Travel drive**

|                                      |      |            |
|--------------------------------------|------|------------|
| Speed, infinitely variable           | km/h | 0 - 11,5   |
| Regulation, infinitely variable      |      | HAMMTRONIC |
| Gradeability, with/without vibration | %    | 52/58      |

**Vibration**

|  |    |           |
|--|----|-----------|
| Vibration frequency, front, level I/II | Hz | 30/36     |
| Amplitude, front, level I/II           | mm | 2,05/1,10 |

**Vibration**

|                                      |    |         |
|--------------------------------------|----|---------|
| Centrifugal force, front, level I/II | kN | 290/220 |
|--------------------------------------|----|---------|

**Steering**

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

**Tank capacity/filling capacity**

|                     |   |     |
|---------------------|---|-----|
| Fuel tank, capacity | L | 280 |
|---------------------|---|-----|

**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 (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

**OPTIONAL EQUIPMENT**

ROPS cab with heating system (FOPS, level I) | | Tachograph | | Smart Compact | Process data interface for third-party provider systems, earthworks | Padfoot shells | Vibration plate | Smart Compaction Meter (SCM) | | Working spotlights | Engine hood with electrical release mechanism