

Technical data

# HC 130 VIO



**Compactors Series HC**

Compactor with VIO drum

**H255**

## 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 VIO (H255)**

**Weights**

|   |                 |                            |
|---|-----------------|----------------------------|
| Operating weight with cab                       | kg<br>lbs       | 12920<br>28,489            |
| Operating weight with ROPS                      | kg<br>lbs       | 12800<br>28,224            |
| Empty weight without cab, without ROPS          | kg<br>lbs       | 11980<br>26,416            |
| Max. operating weight                           | kg<br>lbs       | 17350<br>38,257            |
| Axle load, front/rear                           | kg<br>lbs       | 7650/5270<br>16,868/11,620 |
| Axle load for max. operating weight, front/rear | kg<br>lbs       | 8380/8970<br>18,478/19,779 |
| Static linear load, front                       | kg/cm<br>lbs/in | 35,75<br>200.2             |
| French classification, value/class              |                 |                            |
| Wheel load per tire, rear                       | kg<br>lbs       | 2635<br>5,810              |

**Machine dimensions**

|                            |          |                      |
|----------------------------|----------|----------------------|
| Total length               | mm<br>in | 6117<br>240.8        |
| Total height with cab      | mm<br>in | 3054<br>120.2        |
| Total height with ROPS     | mm<br>in | 3054<br>120.2        |
| Height loading, min.       | mm<br>in | 3054<br>120.2        |
| Center distance            | mm<br>in | 3266<br>128.6        |
| Total width with cab       | mm<br>in | 2474<br>97.4         |
| Maximum working width      | mm<br>in | 2140<br>84.3         |
| Ground clearance, center   | mm<br>in | 461<br>18.1          |
| Curb clearance, left/right | mm<br>in | 477/477<br>18.8/18.8 |
| Turning radius, inside     | mm<br>in | 4131<br>162.6        |
| Slope angle, front/rear    | °        | 34,2/23,7            |

**Drum dimensions**

|                       |          |              |
|-----------------------|----------|--------------|
| Drum width, front     | mm<br>in | 2140<br>84.3 |
| Drum diameter, front  | mm<br>in | 1504<br>59.2 |
| Drum thickness, front | mm<br>in | 20<br>0.8    |
| Drum type, front      |          | Smooth       |

**Tire dimensions**

|                        |          |                  |
|------------------------|----------|------------------|
| Tire size, rear        |          | AW 23.1-26 12 PR |
| Width over tires, rear | mm<br>in | 2122<br>83.5     |
| Number of tires, rear  |          | 2                |

**Diesel engine**

|                             |  |                            |
|-----------------------------|--|----------------------------|
| Manufacturer                |  | JOHN DEERE                 |
| Model                       |  | JDPS 4045PTE               |
| Cylinders, quantity         |  | 4                          |
| Power ISO 14396, kW/PS/rpm  |  | 101,0/137,3/2000           |
| Power SAE J1349, kW/HP/rpm  |  | 101,0/135,4/2000           |
| 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<br>mph | 0 - 12,1<br>0.0 - 7.5 |
| Regulation, infinitely variable      |             | HAMMTRONIC            |
| Gradeability, with/without vibration | %           | 52/58                 |

**Vibration**

|                          |           |               |
|--------------------------|-----------|---------------|
| Vibration frequency      | Hz<br>vpm | 33<br>1,980   |
| Amplitude, vibr.         | mm<br>in  | 1,95<br>.077  |
| Centrifugal force, vibr. | kN<br>lbs | 280<br>63,000 |

**Oscillation**

|                                   |           |               |
|-----------------------------------|-----------|---------------|
| Oscillation force                 | kN<br>lbs | 296<br>66,600 |
| Oscillation frequency             | Hz<br>vpm | 34<br>2,040   |
| Tangential amplitude, oscillation | mm<br>in  | 1,62<br>.064  |

**Steering**

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

**Tank capacity/filling capacity**

|                     |          |             |
|---------------------|----------|-------------|
| Fuel tank, capacity | L<br>Gal | 280<br>74.0 |
|---------------------|----------|-------------|

**Sound level**

|   |       |     |
|---|-------|-----|
| Sound power level L(WA), guaranteed                 | db(A) | 108 |
| Sound power level L(WA), representative measurement | db(A) | 107 |

**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 | Plastic scraper, for smooth drum

**OPTIONAL EQUIPMENT**