

Technical data

HC 130 C VIO



Compactors Series HC
Compactor with VIO drum

H313

HIGHLIGHTS

- > High compaction performance
- > VIO compaction system – vibration or oscillation
- > Hammtronic for high comfort, safety and reduced emissions
- > Customised configuration possibilities and a wide range of options
- > Digital ready

TECHNICAL DATA HC 130 C VIO (H313)

Weights

| | | |
|--|-------|-----------|
| Operating weight with cab | kg | 12405 |
| Operating weight with ROPS | kg | 12055 |
| Empty weight without cab, without ROPS | kg | 11360 |
| Max. operating weight | kg | 16840 |
| Axle load, front/rear | kg | 7040/5365 |
| Axle load at max. operating weight, front/rear | kg | 9300/9070 |
| Static linear load, front | kg/cm | 32,90 |
| French classification, value/class | | |
| Wheel load per tyre, rear | kg | 2682,5 |

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 | 20 |
| 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 - 11,7 |
| Regulation, infinitely variable | | HAMMTRONIC |
| Gradeability, with/without vibration | % | 57/63 |

Vibration

| | | |
|------------------------------|----|------|
| Vibration frequency | Hz | 33 |
| Amplitude, vibration | mm | 1,95 |
| Centrifugal force, vibration | kN | 280 |

Oscillation

| | | |
|-----------------------------------|----|-------|
| Oscillation force | kN | 295,7 |
| Oscillation frequency | Hz | 34 |
| Tangential amplitude, oscillation | mm | 1,61 |

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) | 108 |
| Sound power level L(WA), representative measurement | db(A) | 106 |

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

OPTIONAL EQUIPMENT

ROPS cab with heating system (FOPS, level I) | Heating / air-conditioning system | Tachograph | Smart Receiver | Smart Compact Basic | Process data interface for third-party provider systems, earthworks | Padfoot shells | Vibration plate | Smart Compaction Meter (SCM) | John Deere Operations Center | Working spotlights | Engine hood with electrical release mechanism