

Technical data

# HC 120i P



**Compactors Series HC**  
Compactor with padfoot drum

**H252**

## 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

**P**

## TECHNICAL DATA HC 120i P (H252)

## Weights

|  |       |           |
|--|-------|-----------|
| Operating weight with cab                      | kg    | 12680     |
| Operating weight with ROPS                     | kg    | 12330     |
| Empty weight without cab, without ROPS         | kg    | 11605     |
| Max. operating weight                          | kg    | 14330     |
| Axle load, front/rear                          | kg    | 7275/5405 |
| Axle load at max. operating weight, front/rear | kg    | 8600/5730 |
| Static linear load, front                      | kg/cm | 34,00     |
| French classification, value/class             |       | 44,4/VPM3 |
| Wheel load per tyre, rear                      | kg    | 2702,5    |

## Machine dimensions

|   |    |           |
|---|----|-----------|
| Total length                              | mm | 6117      |
| Total height with cab                     | mm | 3054      |
| Total height with ROPS                    | mm | 3054      |
| Total height with plastic protective roof | 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                   | °  | 33,7/23,7 |

## Drum dimensions

|                       |    |         |
|-----------------------|----|---------|
| Drum width, front     | mm | 2140    |
| Drum diameter, front  | mm | 1707    |
| Drum thickness, front | mm | 15      |
| Drum type, front      |    | Padfoot |
| Height of the padfeet | mm | 112     |
| Padfeet, quantity     |    | 130     |

## Tyre dimensions

|                        |    |                     |
|------------------------|----|---------------------|
| Tyre size, rear        |    | TR 23.1/18-26 12 PR |
| Width over tyres, rear | mm | 2154                |
| Number of tyres, rear  |    | 2                   |

## Diesel engine

|                                   |  |                 |
|-----------------------------------|--|-----------------|
| Manufacturer                      |  | JOHN DEERE      |
| Model                             |  | JDPS 4045EWS    |
| Cylinders, quantity               |  | 4               |
| Power ISO 14396, kW/PS/rpm        |  | 85,0/115,7/2000 |
| Exhaust emissions category, EU    |  | EU Stage 5      |
| Exhaust emissions category, USA   |  | EPA Tier 4      |
| Exhaust emissions category, Korea |  | KOR Stage 5     |
| Exhaust gas after-treatment       |  | DOC-DPF-SCR     |

## Travel drive

|                                 |      |            |
|---------------------------------|------|------------|
| Speed, infinitely variable      | km/h | 0 - 11,9   |
| Regulation, infinitely variable |      | HAMMTRONIC |

## Travel drive

|                                      |   |       |
|--------------------------------------|---|-------|
| Gradeability, with/without vibration | % | 55/61 |
|--------------------------------------|---|-------|

## Vibration

|  |    |         |
|--|----|---------|
| Vibration frequency, front, level I/II | Hz | 30/33   |
| Amplitude, front, level I/II           | mm | 1,8/0,8 |
| Centrifugal force, front, level I/II   | kN | 250/130 |

## Steering

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

## Tank capacity/filling capacity

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

## OPTIONAL EQUIPMENT

ROPS cab with heating and air-conditioning system (FOPS, level I) | Auxiliary heater | Tachograph | Bluetooth interface for Smart Doc | Dozer blade | Automatic engine stop | Camera system | Back-up alarm | JDLink | Working spotlights | Engine hood with electrical release mechanism | Coming Home function | Battery isolation switch