

Technical data

HC 120i



Compactors Series HC
Compactor with smooth 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

TECHNICAL DATA HC 120i (H252)

Weights

| | | |
|-------------------------------------------------|-------|-----------|
| Operating weight with cab | kg | 12280 |
| Operating weight with ROPS | kg | 12030 |
| Empty weight without cab, without ROPS | kg | 11305 |
| Max. operating weight | kg | 15340 |
| Axle load, front/rear | kg | 6715/5565 |
| Axle load for max. operating weight, front/rear | kg | 9450/5890 |
| Static linear load, front | kg/cm | 31,38 |
| French classification, value/class | | 42,44/VM3 |
| Wheel load per tyre, rear | kg | 2782,5 |

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 | ° | 34,2/23,7 |

Drum dimensions

| | | |
|-----------------------|----|--------|
| Drum width, front | mm | 2140 |
| Drum diameter, front | mm | 1504 |
| Drum thickness, front | mm | 25 |
| 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 4045EWS |
| Cylinders, quantity | | 4 |
| Power ISO 14396, kW/PS/rpm | | 85,0/115,7/2000 |
| Power SAE J1349, kW/HP/rpm | | 85,0/114,0/2000 |
| Exhaust emission standard | | EU Stage V / EPA Tier 4 |
| Exhaust gas after-treatment | | DOC-DPF-SCR |

Travel drive

| | | |
|--------------------------------------|------|------------|
| Speed, infinitely variable | km/h | 0 - 12,1 |
| Regulation, infinitely variable | | HAMMTRONIC |
| Gradeability, with/without vibration | % | 52/58 |

Vibration

| | | |
|----------------------------------|----|-----------|
| Vibration frequency, front, I/II | Hz | 30/33 |
| Amplitude, front, I/II | mm | 1,95/0,85 |

Vibration

| | | |
|--------------------------------|----|---------|
| Centrifugal force, front, I/II | kN | 250/130 |
|--------------------------------|----|---------|

Steering

| | | |
|-----------------|---|----------------------|
| Swing 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 | Padfoot shells | Automatic engine stop | Camera system | Back-up alarm | JDLink | Working spotlights | Engine hood with electrical release mechanism | Coming Home function | Battery isolation switch