

Technical data

HC 160i



Compactors Series HC
Compactor with smooth drum

H254

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 160i (H254)

Weights

| | | |
|--|-----------------|-----------------------------|
| Operating weight with cab | kg lbs | 16405 36,173 |
| Operating weight with ROPS | kg lbs | 16185 35,688 |
| Empty weight without cab, without ROPS | kg lbs | 15330 33,803 |
| Max. operating weight | kg lbs | 19150 42,226 |
| Axle load, front/rear | kg lbs | 11225/5180 24,751/11,422 |
| Axle load at max. operating weight, front/rear | kg lbs | 13550/5600 29,878/12,348 |
| Static linear load, front | kg/cm lbs/in | 52,45 293.7 |
| French classification, value/class | | 73,64/VM5 |
| Wheel load per tire, rear | kg lbs | 2590 5,711 |

Machine dimensions

| | | |
|----------------------------|----------|----------------------|
| Total length | mm in | 6315 248.6 |
| Total height with cab | mm in | 3054 120.2 |
| Total height with ROPS | mm in | 3054 120.2 |
| Height loading, min. | mm in | 3054 120.2 |
| Center distance | mm in | 3266 128.6 |
| Total width with cab | mm in | 2474 97.4 |
| Maximum working width | mm in | 2140 84.3 |
| Ground clearance, center | mm in | 461 18.1 |
| Curb clearance, left/right | mm in | 477/477 18.8/18.8 |
| Turning radius, inside | mm in | 4131 162.6 |
| Slope angle, front/rear | ° | 34,2/23,7 |

Drum dimensions

| | | |
|-----------------------|----------|--------------|
| Drum width, front | mm in | 2140 84.3 |
| Drum diameter, front | mm in | 1504 59.2 |
| Drum thickness, front | mm in | 45 1.8 |
| Drum type, front | | Smooth |

Tire dimensions

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

Diesel engine

| | | |
|-----------------------------|--|-------------------------|
| Manufacturer | | JOHN DEERE |
| Model | | JDPS 4045PSS |
| Cylinders, quantity | | 4 |
| Power ISO 14396, kW/PS/rpm | | 119,6/162,6/2000 |
| Power SAE J1349, kW/HP/rpm | | 119,6/160,4/2000 |
| Exhaust emission standard | | EU Stage V / EPA Tier 4 |
| Exhaust gas after-treatment | | DOC-DPF-SCR |

Travel drive

| | | |
|--------------------------------------|-------------|-----------------------|
| Speed, infinitely variable | km/h mph | 0 - 12,1 0.0 - 7.5 |
| Regulation, infinitely variable | | HAMMTRONIC |
| Gradeability, with/without vibration | % | 51/57 |

Vibration

| | | |
|--|-----------|--------------------------|
| Vibration frequency, front, level I/II | Hz vpm | 28/31 1,680/1,860 |
| Amplitude, front, level I/II | mm in | 2,10/1,35 .083/.053 |
| Centrifugal force, front, level I/II | kN lbs | 330/260 74,250/58,500 |

Steering

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

Tank capacity/filling capacity

| | | |
|--|----------|-------------|
| Fuel tank, capacity | L Gal | 280 74.0 |
| AdBlue/SCR reducing agent tank, capacity | L Gal | 32 8.5 |

Sound level

| | | |
|---|-------|-----|
| Sound power level L(WA), guaranteed | db(A) | 106 |
| Sound power level L(WA), representative measurement | db(A) | 103 |

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 and air-conditioning system (FOPS, level I) | Auxiliary heater | Tachograph | Bluetooth interface for Smart Doc | | Automatic engine stop | Back-up alarm | JDLink | Working spotlights | Coming Home function | Battery isolation switch