

Technical data

# HC 100i C 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

**TECHNICAL DATA HC 100i C P (H252)**

**Weights**

Operating weight with cab	kg lbs	12460 27,474
Operating weight with ROPS	kg lbs	12110 26,703
Empty weight without cab, without ROPS	kg lbs	11385 25,104
Max. operating weight	kg lbs	14350 31,642
Axle load, front/rear	kg lbs	7005/5455 15,446/12,028
Axle load at max. operating weight, front/rear	kg lbs	8640/5710 19,051/12,591
Static linear load, front	kg/cm lbs/in	32,73 183.3
French classification, value/class		42,75/VPM3
Wheel load per tire, rear	kg lbs	2727,5 6,014

**Machine dimensions**

Total length	mm in	6117 240.8
Total height with cab	mm in	3054 120.2
Total height with ROPS	mm in	3054 120.2
Total height with plastic protective roof	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	°	33,7/23,7

**Drum dimensions**

Drum width, front	mm in	2140 84.3
Drum diameter, front	mm in	1707 67.2
Drum thickness, front	mm in	15 0.6
Drum type, front		Padfoot
Height of the padfeet	mm in	112 4.4
Padfeet, quantity		130

**Tire dimensions**

Tire size, rear		TR 23.1/18-26 12 PR
Width over tires, rear	mm in	2154 84.8
Number of tires, 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 mph	0 - 11,9 0.0 - 7.4
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	59/66

**Vibration**

Vibration frequency, front, level I/II	Hz vpm	30/33 1,800/1,980
Amplitude, front, level I/II	mm in	1,80/0,8 .071/.031
Centrifugal force, front, level I/II	kN lbs	250/130 56,250/29,250

**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)	104

**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**