

Technical data

# HC 100i



**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 100i (H252)**

**Weights**

Operating weight with cab	kg lbs	11995 26,449
Operating weight with ROPS	kg lbs	11645 25,677
Empty weight without cab, without ROPS	kg lbs	10920 24,079
Max. operating weight	kg lbs	15290 33,714
Axle load, front/rear	kg lbs	6580/5415 14,509/11,940
Axle load at max. operating weight, front/rear	kg lbs	9620/5670 21,212/12,502
Static linear load, front	kg/cm lbs/in	30,42 170.3
French classification, value/class		41,2/VM3
Wheel load per tire, rear	kg lbs	2707,5 5,970

**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	°	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	25 1.0
Drum type, front		Smooth

**Tire dimensions**

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

**Tire dimensions**

Number of tires, rear		2
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**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 - 11,8 0.0 - 7.3
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	53/59

**Vibration**

Vibration frequency, front, level I/II	Hz vpm	30/33 1,800/1,980
Amplitude, front, level I/II	mm in	1,95/0,85 .077/.033
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**