

Technical data

HC 140i



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 140i (H254)

Weights

Operating weight with cab	kg lbs	14275 31,476
Operating weight with ROPS	kg lbs	13925 30,705
Empty weight without cab, without ROPS	kg lbs	13200 29,106
Max. operating weight	kg lbs	17140 37,794
Axle load, front/rear	kg lbs	8860/5415 19,536/11,940
Axle load at max. operating weight, front/rear	kg lbs	11340/5800 25,005/12,789
Static linear load, front	kg/cm lbs/in	41,4 231.8
French classification, value/class		57,6/VM4
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	30 1.2
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 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 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 mph	0 - 12,1 0.0 - 7.5
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	52/58

Vibration

Vibration frequency, front, level I/II	Hz vpm	30/36 1,800/2,160
Amplitude, front, level I/II	mm in	2,05/1,1 .081/.043
Centrifugal force, front, level I/II	kN lbs	290/220 65,250/49,500

Steering

Steering angle +/-	°	35
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 (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