

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 lbs	12280 27,077
Operating weight with ROPS	kg lbs	12030 26,526
Empty weight without cab, without ROPS	kg lbs	11305 24,928
Max. operating weight	kg lbs	15340 33,825
Axle load, front/rear	kg lbs	6715/5565 14,807/12,271
Axle load for max. operating weight, front/rear	kg lbs	9450/5890 20,837/12,987
Static linear load, front	kg/cm lbs/in	31,38 175.7
French classification, value/class		42,44/VM3
Wheel load per tire, rear	kg lbs	2782,5 6,135

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 - 12,1 0.0 - 7.5
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	52/58

Vibration

Vibration frequency, front, I/II	Hz vpm	30/33 1,800/1,980
Amplitude, front, I/II	mm in	1,95/0,85 .077/.033
Centrifugal force, front, I/II	kN lbs	250/130 56,250/29,250

Steering

Swing 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 (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