

Technical data

HC 120i 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

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TECHNICAL DATA HC 120i C P (H252)

Weights

Operating weight with cab	kg lbs	12730 28,070
Operating weight with ROPS	kg lbs	12380 27,298
Empty weight without cab, without ROPS	kg lbs	11655 25,699
Max. operating weight	kg lbs	14390 31,730
Axle load, front/rear	kg lbs	7300/5430 16,096/11,973
Axle load at max. operating weight, front/rear	kg lbs	8630/5760 19,029/12,701
Static linear load, front	kg/cm lbs/in	34,11 191.0
French classification, value/class		44,5/VPM3
Wheel load per tire, rear	kg lbs	2715 5,987

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
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 - 11,8 0.0 - 7.3
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