

Technical data

HC 110 P



Compactors Series HC
Compactor with padfoot drum

H311

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 110 P (H311)

Weights

Operating weight with cab	kg lbs	12165 26,824
Operating weight with ROPS	kg lbs	11815 26,052
Empty weight without cab, without ROPS	kg lbs	11120 24,520
Max. operating weight	kg lbs	14050 30,980
Axle load, front/rear	kg lbs	6920/5245 15,259/11,565
Axle load at max. operating weight, front/rear	kg lbs	8550/5500 18,853/12,127
Static linear load, front	kg/cm lbs/in	32,34 181.1
French classification, value/class		42,32/VPM3
Wheel load per tire, rear	kg lbs	2622,5 5,783

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 4045PTE
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		112/152,3/2200
Power SAE J1349, kW/HP/rpm		112/150,0/2200
Exhaust emission standard		UN ECE R96 (Tier 3)
Exhaust emissions category		UN ECE R96 (Tier 3)
Exhaust gas after-treatment		-

Travel drive

Speed, infinitely variable	km/h mph	0 - 11,6 0.0 - 7.2
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	55/61

Vibration

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

Steering

Steering angle +/-	°	35
Pendulum angle +/-	°	max. 12
Steering, type		Articulated steering

Tank capacity/filling capacity

Fuel tank, capacity	L Gal	280 74.0
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Sound level

Sound power level L(WA), guaranteed	db(A)	108
Sound power level L(WA), representative measurement	db(A)	107

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