

Technical data

HC 110



Compactors Series HC
Compactor with smooth 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

TECHNICAL DATA HC 110 (H311)

Weights

Operating weight with cab	kg lbs	11765 25,942
Operating weight with ROPS	kg lbs	11415 25,170
Empty weight without cab, without ROPS	kg lbs	10720 23,638
Max. operating weight	kg lbs	15060 33,207
Axle load, front/rear	kg lbs	6460/5305 14,244/11,698
Axle load at max. operating weight, front/rear	kg lbs	9500/5560 20,947/12,260
Static linear load, front	kg/cm lbs/in	30,19 169.1
French classification, value/class		40,81/VM3
Wheel load per tire, rear	kg lbs	2652,5 5,849

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 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		EU Stage IIIA / EPA 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	%	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

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)	106
Sound power level L(WA), representative measurement	db(A)	103

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

ROPS cab with heating system (FOPS, level I) | | Tachograph | | Process data interface for third-party provider systems, earthworks | Padfoot shell | | Preparation for JDLINK | | Working spotlights | Engine hood with electrical release mechanism