

Technical data

HC 130 VIO



Compactors Series HC
Compactor with VIO drum

H313

HIGHLIGHTS

- > High compaction performance
- > VIO compaction system – vibration or oscillation
- > Hammtronic for high comfort, safety and reduced emissions
- > Customised configuration possibilities and a wide range of options
- > Digital ready

TECHNICAL DATA HC 130 VIO (H313)

Weights

Operating weight with cab	kg lbs	12355 27,243
Operating weight with ROPS	kg lbs	12305 27,133
Empty weight without cab, without ROPS	kg lbs	11310 24,939
Max. operating weight	kg lbs	16800 37,044
Axle load, front/rear	kg lbs	7015/5340 15,468/11,775
Axle load at max. operating weight, front/rear	kg lbs	9250/9040 20,396/19,933
Static linear load, front	kg/cm lbs/in	32,78 183.6
French classification, value/class		
Wheel load per tire, rear	kg lbs	2670 5,887

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
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	20 0.8
Drum type, front		Smooth

Tire dimensions

Tire size, rear		AW 23.1-26 12 PR
Width over tires, rear	mm in	2122 83.5
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 - 11,5 0.0 - 7.1
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	52/58

Vibration

Vibration frequency	Hz vpm	33 1,980
Amplitude, vibration	mm in	1,95 .077
Centrifugal force, vibration	kN lbs	280 63,000

Oscillation

Oscillation force	kN lbs	295,7 66,532
Oscillation frequency	Hz vpm	34 2,040
Tangential amplitude, oscillation	mm in	1,61 .063

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)	109
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