

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		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 - 11,5 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)	108
Sound power level L(WA), representative measurement	db(A)	106

**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