

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	12355
Operating weight with ROPS	kg	12305
Empty weight without cab, without ROPS	kg	11310
Max. operating weight	kg	16800
Axle load, front/rear	kg	7015/5340
Axle load at max. operating weight, front/rear	kg	9250/9040
Static linear load, front	kg/cm	32,78
French classification, value/class		
Wheel load per tyre, rear	kg	2670

Machine dimensions

Total length	mm	6117
Total height with cab	mm	3054
Total height with ROPS	mm	3054
Height loading, min.	mm	3054
Centre distance	mm	3266
Total width with cab	mm	2474
Maximum working width	mm	2140
Ground clearance, centre	mm	461
Kerb clearance, left/right	mm	477/477
Turning radius, inside	mm	4131
Slope angle, front/rear	°	34,2/23,7

Drum dimensions

Drum width, front	mm	2140
Drum diameter, front	mm	1504
Drum thickness, front	mm	20
Drum type, front		Smooth

Tyre dimensions

Tyre size, rear		AW 23.1-26 12 PR
Width over tyres, rear	mm	2122
Number of tyres, 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	0 - 11,5
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	52/58

Vibration

Vibration frequency	Hz	33
Amplitude, vibration	mm	1,95
Centrifugal force, vibration	kN	280

Oscillation

Oscillation force	kN	295,7
Oscillation frequency	Hz	34
Tangential amplitude, oscillation	mm	1,61

Steering

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

Tank capacity/filling capacity

Fuel tank, capacity	L	280
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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

OPTIONAL EQUIPMENT

ROPS cab with heating system (FOPS, level I) | | Tachograph | | Smart Compact | Process data interface for third-party provider systems, earthworks | Padfoot shells | Vibration plate | Smart Compaction Meter (SCM) | | Working spotlights | Engine hood with electrical release mechanism