

Technical data

HC 130 VA



Compactors Series HC
Compactor with VA drum

H313

HIGHLIGHTS

- > High compaction power, efficiency and process reliability
- > Spacious driver's platform with Easy Drive operating concept
- > Precise compaction measurement with new measured value (in MN/m²)
- > Automatic control of compaction using target values
- > Digital ready

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TECHNICAL DATA HC 130 VA (H313)

Weights

Operating weight with cab	kg lbs	13315 29,360
Operating weight with ROPS	kg lbs	12965 28,588
Empty weight without cab, without ROPS	kg lbs	12270 27,055
Max. operating weight	kg lbs	16340 36,030
Axle load, front/rear	kg lbs	8060/5255 17,772/11,587
Axle load at max. operating weight, front/rear	kg lbs	8100/8960 17,860/19,757
Static linear load, front	kg/cm lbs/in	38,3 214.5
French classification, value/class		53,60/VM3
Wheel load per tire, rear	kg lbs	2627,5 5,794

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	30 1.2
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 - 12,1 0.0 - 7.5
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	52/58

Vibration

Vibration frequency, front	Hz vpm	30 1,800
Amplitude, front, max.	mm in	2,10 .083
Centrifugal force, front, max.	kN lbs	320 72,000

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)	106

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 | Smart Compact | Smart Compaction Meter (SCM)

OPTIONAL EQUIPMENT

ROPS cab with heating system (FOPS, level I) | Heating/air-conditioning system | Tachograph | Smart Receiver | Process data interface for third-party provider systems, earthworks | Padfoot shells | Vibration plate | Working spotlights | Engine hood with electrical release mechanism