

Technical data

# HC 160



**Compactors Series HC**  
Compactor with smooth drum

**H313**

## 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 160 (H313)**

**Weights**

Operating weight with cab	kg lbs	15220 33,560
Operating weight with ROPS	kg lbs	15000 33,075
Empty weight without cab, without ROPS	kg lbs	14135 31,168
Max. operating weight	kg lbs	18590 40,991
Axle load, front/rear	kg lbs	9985/5235 22,017/11,543
Axle load at max. operating weight, front/rear	kg lbs	13010/5580 28,687/12,304
Static linear load, front	kg/cm lbs/in	46,66 261.3
French classification, value/class		65,07/VM4
Wheel load per tire, rear	kg lbs	2617,5 5,772

**Machine dimensions**

Total length	mm in	6315 248.6
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	45 1.8
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, front, level I/II	Hz vpm	30/36 1,800/2,160
Amplitude, front, level I/II	mm in	2,05/1,10 .081/.043
Centrifugal force, front, level I/II	kN lbs	290/220 65,250/49,500

**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)	104

**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 shell | Vibration plate | Smart Compaction Meter (SCM) | | Working spotlights | Engine hood with electrical release mechanism