

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		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, 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)	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

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 | John Deere Operations Center | Working spotlights | Engine hood with electrical release mechanism