

Technical data

# HC 110



**Compactors Series HC**  
Compactor with smooth drum

**H294**

## HIGHLIGHTS

- > Engine with best in class power and powerful ECO mode
- > 3-point articulation for excellent traction and cross-country mobility
- > High compaction performance
- > Intuitive and language-neutral operation
- > Easy maintenance and servicing
- > Excellent view of machine and construction site

**TECHNICAL DATA HC 110 (H294)**

**Weights**

Operating weight with cab	kg lbs	11595 25,567
Operating weight with ROPS	kg lbs	11265 24,839
Empty weight without cab, without ROPS	kg lbs	10620 23,417
Max. operating weight	kg lbs	13700 30,208
Axle load, front/rear	kg lbs	6380/5215 14,068/11,499
Axle load at max. operating weight, front/rear	kg lbs	8430/5270 18,588/11,620
Static linear load, front	kg/cm lbs/in	29,81 166.9
French classification, value/class		40,5/VM3
Wheel load per tire, rear	kg lbs	2607,5 5,750

**Machine dimensions**

Total length	mm in	5989 235.8
Total height with cab	mm in	3030 119.3
Total height with plastic protective roof	mm in	3061 120.5
Height loading, min.	mm in	2238 88.1
Center distance	mm in	2992 117.8
Total width	mm in	2271 89.4
Maximum working width	mm in	2140 84.3
Ground clearance, center	mm in	448 17.6
Curb clearance, left/right	mm in	500/500 19.7/19.7
Turning radius, inside	mm in	3883 152.9
Slope angle, front/rear	°	40,6/27

**Drum dimensions**

Drum width, front	mm in	2140 84.3
Drum diameter, front	mm in	1504 59.2
Drum thickness, front	mm in	25 1.0
Drum type, front		Smooth

**Tire dimensions**

Tire size, rear		AW 23.1-26 8 PR
Width over tires, rear	mm in	2140 84.3
Number of tires, rear		2

**Diesel engine**

Manufacturer		JOHN DEERE
Model		JDPS 4045PTE
Cylinders, quantity		4
Power SAE J1995, kW/HP/rpm		101,0/135,4/2000
Exhaust emission standard		EU Stage IIIA / EPA Tier 3
Exhaust emissions category		UN ECE R96 (Tier 3)
Exhaust emissions category, Brazil		MAR-I
Exhaust gas after-treatment		-

**Travel drive**

Speed, working gear	km/h mph	0-8,5 0.0-5.3
Speed, transport gear	km/h mph	0-11,1 0.0-6.9
Gradeability, with/without vibration	%	52/58

**Vibration**

Vibration frequency, front, level I/II	Hz vpm	30/35 1,800/2,100
Amplitude, front, level I/II	mm in	1,95/0,85 .077/.033
Centrifugal force, front, level I/II	kN lbs	250/145 56,250/32,625

**Steering**

Steering angle +/-	°	33
Pendulum angle +/-	°	10
Steering, type		Articulated steering

**Tank capacity/filling capacity**

Fuel tank, capacity	L Gal	270 71.3
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**Sound level**

Sound power level L(WA), guaranteed	db(A)	
Sound power level L(WA), representative measurement	db(A)	

**EQUIPMENT**

Dashboard with displays, indicator lights and switches | Driver's platform with access on one side | Vibration-isolated driver's platform | Seat length adjustment | 1 drive lever | ECO mode | Tiltable engine hood | Hydrostatic steering | 3-point articulation | Emergency stop | Adjustable scraper | Back-up alarm | Battery isolation switch

**OPTIONAL EQUIPMENT**

ROPS cab with heating and air-conditioning system (FOPS, level I) | Driver's seat in black imitation leather; comfort equipment | Fuel prefilter | Process data interface for third-party provider systems, asphalt construction | Speedometer | Automatic vibration system | Rotating beacon |