

Technical data

HC 110 P



Compactors Series HC
Compactor with padfoot 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 P (H294)

Weights

Operating weight with cab	kg lbs	11980 26,416
Operating weight with ROPS	kg lbs	11650 25,688
Empty weight without cab, without ROPS	kg lbs	11005 24,266
Max. operating weight	kg lbs	12080 26,636
Axle load, front/rear	kg lbs	6760/5220 14,906/11,510
Axle load at max. operating weight, front/rear	kg lbs	6810/5270 15,016/11,620
Static linear load, front	kg/cm lbs/in	31,59 176.9
French classification, value/class		41,5/VPM3
Wheel load per tire, rear	kg lbs	2610 5,755

Machine dimensions

Total length	mm in	5926 233.3
Total height	mm in	3061 120.5
Height loading, min.	mm in	2238 88.1
Center distance	mm in	2992 117.8
Total width	mm in	2282 89.8
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	°	45/27

Drum dimensions

Drum width, front	mm in	2140 84.3
Drum diameter, front	mm in	1707 67.2
Drum thickness, front	mm in	15 0.6
Drum type, front		Padfoot
Height of the padfeet	mm in	112 4.4
Padfeet, quantity		130

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	0-11,6 0.0-7.2
Gradeability, with/without vibration	%	53/59

Vibration

Vibration frequency, front, level I/II	Hz vpm	30/35 1,800/2,100
Amplitude, front, level I/II	mm in	1,80/0,80 .071/.031
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)	108
Sound power level L(WA), representative measurement	db(A)	105

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 |