

Technical data

HC 110 C P



Compactors Series HC
Compactor with padfoot drum

H253

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 110 C P (H253)

Weights

Operating weight with cab	kg lbs	12150 26,791
Operating weight with ROPS	kg lbs	11900 26,239
Basic weight no cab, without ROPS	kg lbs	11205 24,707
Operating weight, max.	kg lbs	14040 30,958
Axle load, front/rear	kg lbs	6750/5400 14,884/11,907
Axle load max., front/rear	kg lbs	8380/5660 18,478/12,480
Static linear load, front	kg/cm lbs/in	31,54 176.6
French classific., data/class		41,2/VP M3
Load per tire, rear	kg lbs	2700 5,953

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
Total height with protective roof, plastic	mm in	3054 120.2
Height, loading, min.	mm in	3054 120.2
Wheelbase	mm in	3266 128.6
Total width with cab	mm in	2474 97.4
Max. 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
Angle of driving slope, front/rear	°	33,7/23,7

Drum dimensions

Drum width, front	mm in	2140 84.3
Drum diameter, front	mm in	1687 66.4
Drum thickness, front	mm in	20 0.8
Drum type, front		Padfoot
Height of padfeet	mm in	100 3.9
Padfeet, number		140

Wheel dimensions

Width over tires, rear	mm in	2154 84.8
Number of tires, rear		2

Diesel engine

Manufacturer		JOHN DEERE
Type		JDPS 4045PTE
Number of cylinders		4
Power rat. ISO 14396, kW/PS/rpm		101,0/137,3/2000
Power rating SAE J1349, kW/HP/rpm		101,0/135,4/2000
Emission standard		EU Stage IIIA/EPA Tier 3
Emissions standard		UN ECE R96
Exhaust gas after-treatment		-

Drive

Speed, infinitely variable	km/h mph	0 - 11,9 0.0 - 7.4
Regulation, infinitely variable		Hammtronic
Climbing ability, vibration on/off	%	59/66

Vibration

Vibration frequency, front, I/II	Hz vpm	30/36 1,800/2,160
Amplitude, front, I/II	mm in	1,80/0,80 .071/.031
Centrifugal force, front, I/II	kN lbs	250/155 56,250/34,875

Steering

Oscillation angle +/-	°	max. 12
Steering, type		Articulated steering

Tank capacity/Fill capacity

Fuel tank, capacity	L Gal	280 74.0
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Sound level

Sound power level L(WA), guaranteed	db(A)	106
Acoustic power LW(A), measured	db(A)	

EQUIPMENT

ROPS cabin with heating and air conditioning, FOPS-approved (level I) | Auxiliary heater | Tachograph | Bluetooth interface for Smart Doc | Padfoot shell | Automatic engine-off function | Back-up alarm | JDLink | Working light | Engine hood with electrical easy access engine cover release | Coming home lighting | Battery isolating switch

OPTIONAL EQUIPMENT