

Technical data

# HC 110 C



**Compactors Series HC**  
Compactor with smooth 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 (H253)**

**Weights**

Operating weight with cab	kg	11765
Operating weight with ROPS	kg	11515
Empty weight without cab, without ROPS	kg	10820
Max. operating weight	kg	15070
Axle load, front/rear	kg	6365/5400
Axle load for max. operating weight, front/rear	kg	9410/5660
Static linear load, front	kg/cm	29,74
French classification, value/class		40,3/VM3
Wheel load per tyre, rear	kg	2700

**Machine dimensions**

Total length	mm	6117
Total height with cab	mm	3054
Total height with ROPS	mm	3054
Total height with plastic protective roof	mm	3054
Height loading, min.	mm	3054
Centre distance	mm	3266
Total width with cab	mm	2474
Maximum working width	mm	2140
Ground clearance, centre	mm	461
Kerb clearance, left/right	mm	477/477
Turning radius, inside	mm	4131
Slope angle, front/rear	°	34,2/23,7

**Drum dimensions**

Drum width, front	mm	2140
Drum diameter, front	mm	1504
Drum thickness, front	mm	25
Drum type, front		Smooth

**Tyre dimensions**

Tyre size, rear		AW 23.1-26 12 PR
Width over tyres, rear	mm	2122
Number of tyres, rear		2

**Diesel engine**

Manufacturer		JOHN DEERE
Model		JDPS 4045PTE
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		101,0/137,3/2000
Power SAE J1349, 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 gas after-treatment		-

**Travel drive**

Speed, infinitely variable	km/h	0 - 12,1
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	57/63

**Vibration**

Vibration frequency, front, I/II	Hz	30/33
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**Vibration**

Amplitude, front, I/II	mm	1,95/0,85
Centrifugal force, front, I/II	kN	250/130

**Steering**

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

**Tank capacity/filling capacity**

Fuel tank, capacity	L	280
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**Sound level**

Sound power level L(WA), guaranteed	db(A)	106
Sound power level L(WA), representative measurement	db(A)	103

**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 and air-conditioning system (FOPS, level I) | Auxiliary heater | Tachograph | Bluetooth interface for Smart Doc | Padfoot shells | Automatic engine stop | Back-up alarm | JDLink | Working spotlights | Engine hood with electrical release mechanism | Coming Home function | Battery isolation switch