

Technical data

HC 110 C



Soil Compactors Series HC
Soil 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
Basic weight no cab, without ROPS	kg	10820
Operating weight, max.	kg	15070
Axle load, front/rear	kg	6365/5400
Axle load max., front/rear	kg	9410/5660
Static linear load, front	kg/cm	29,74
French classific., data/class		40,3/VM3
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
Wheel base	mm	3266
Total width with cab	mm	2474
Max. working width	mm	2140
Ground clearance, centre	mm	461
Kerb clearance, left/right	mm	477/477
Turning radius, inside	mm	4131
Angle of driving slope, front/rear	°	34,2/23,7

Drum dimensions

Drum width, front	mm	2140
Drum diameter, front	mm	1504
Drum thickness, front	mm	30
Drum type, front		smooth

Wheel dimensions

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

Diesel engine

Manufacturer		JOHN DEERE
Version		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
Exhaust gas level		UN ECE R96
Exhaust gas after-treatment		-

Drive

Speed, infinitely variable	km/h	0 - 12,1
Regulation, infinitely variable		Hammtronic
Climbing ability, vibration on/off	%	57/63

Vibration

Vibration frequency, front, I/II	Hz	30/36
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Vibration

Amplitude, front, I/II	mm	1,95/0,85
Centrifugal force, front, I/II	kN	250/155

Steering

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

Tank capacity/Fill capacity

Fuel tank, capacity	L	280
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Sound level

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

EQUIPMENT

12 V sockets (double) | 2 large working and rear view mirrors | 3-point articulation | Dashboard with displays, indicator lights and function key | Operating concept Easy Drive | ECO mode | Speed preselect | Hose protection on front vehicle | Vibration-isolated operator's platform | Automatic vibration system

OPTIONAL EQUIPMENT

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