

Technical data

HC 110i P



Soil Compactors Series HC
Soil compactor with padfoot drum

H252

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

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Weights

Operating weight with cab	kg	12435
Operating weight with ROPS	kg	12185
Basic weight no cab, without ROPS	kg	11460
Operating weight, max.	kg	14330
Axle load, front/rear	kg	6795/5640
Axle load max., front/rear	kg	8430/5900
Static linear load, front	kg/cm	31,75
French classific., data/class		41,5/VP3
Load per tyre, rear	kg	2820

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	°	33,7/23,7

Drum dimensions

Drum width, front	mm	2140
Drum diameter, front	mm	1687
Drum thickness, front	mm	20
Drum type, front		Padfoot
Height of the padfeet	mm	100
Padfeet, number		140

Wheel dimensions

Size of tyres, rear		TR 23.1-26 12 PR
Width over tyres, rear	mm	2154
Number of tyres, rear		2

Diesel engine

Manufacturer		JOHN DEERE
Version		JDPS 4045EWS
Number of cylinders		4
Power rat. ISO 14396, kW/PS/rpm		85,0/115,7/2000
Power rating SAE J1349, kW/HP/rpm		85,0/114,0/2000
Emission standard		EU Stage V / EPA Tier 4
Exhaust gas after-treatment		DOC-DPF-SCR

Drive

Speed, infinitely variable	km/h	0 - 11,9
Regulation, infinitely variable		Hammtronic
Climbing ability, vibration on/off	%	55/61

Vibration

Amplitude, front, I/II	mm	1,8/0,8
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
AdBlue/DEF tank, content	L	32

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 | Dozer blade | Automatic engine-off function | Camera system | Back-up alarm (reversing) | JDLink | Working lights | Bonnet with electrical easy access engine cover release | Coming home lighting | Battery isolating switch