

Technical data

HC 160



Soil Compactors Series HC

Soil compactor with smooth drum

H255

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 160 (H255)

Weights

Operating weight with cab	kg	14875
Operating weight with ROPS	kg	14755
Basic weight no cab, without ROPS	kg	13930
Operating weight, max.	kg	18030
Axle load, front/rear	kg	8387/5220
Axle load max., front/rear	kg	11980/6050
Static linear load, front	kg/cm	39,19
French classific., data/class		54,47/VM0
Load per tyre, rear	kg	2610

Machine dimensions

Total length	mm	6315
Total height with cab	mm	3054
Total height with ROPS	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	45
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	%	52/58

Vibration

Vibration frequency, front, I/II	Hz	30/36
Amplitude, front, I/II	mm	2,05/1,10

Vibration

Centrifugal force, front, I/II	kN	290/220
--------------------------------	----	---------

Steering

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

Tank capacity/Fill capacity

Fuel tank, capacity	L	280
---------------------	---	-----

Sound level

Sound power level L(WA), guaranteed	db(A)	106
Acoustic power L(WA), measured	db(A)	104

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 | Plastic scraper, for smooth drum

OPTIONAL EQUIPMENT

ROPS cabin with heating and air conditioning, FOPS-approved (level I) | Safety belt monitoring device | Auxiliary heater | Radio | Tachograph | Bluetooth interface for Smart Doc | Dozer blade | Padfoot shells | Automatic engine-off function | Camera system | JDLink | Working lights | Bonnet with electrical easy access engine cover release | Coming home lighting