

Technical data

HC 160 P



Compactors Series HC
Compactor with padfoot 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 P (H255)

Weights

Operating weight with cab	kg lbs	15150 33,406
Operating weight with ROPS	kg lbs	15030 33,141
Basic weight no cab, without ROPS	kg lbs	14205 31,322
Operating weight, max.	kg lbs	16890 37,242
Axle load, front/rear	kg lbs	9041/5220 19,935/11,510
Axle load max., front/rear	kg lbs	10840/6050 23,902/13,340
Static linear load, front	kg/cm lbs/in	42,25 236.6
French classific., data/class		56,86/VPM0
Load per tire, rear	kg lbs	2610 5,755

Machine dimensions

Total length	mm in	6315 248.6
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	1677 66.0
Drum thickness, front	mm in	30 1.2
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	%	55/61

Vibration

Vibration frequency, front, I/II	Hz vpm	30/36 1,800/2,160
Amplitude, front, I/II	mm in	1,92/1,02 .076/.040
Centrifugal force, front, I/II	kN lbs	290/220 65,250/49,500

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 L(WA), measured	db(A)	104

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 | Automatic engine-off function | Camera system | JDLink | Working light | Engine hood with electrical easy access engine cover release | Coming home lighting

OPTIONAL EQUIPMENT