

Technical data

HC 160i C P



Compactors Series HC
Compactor with padfoot drum

H254

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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TECHNICAL DATA HC 160i C P (H254)

Weights

Operating weight with cab	kg lbs	16470 36,316
Operating weight with ROPS	kg lbs	16250 35,831
Empty weight without cab, without ROPS	kg lbs	15395 33,946
Max. operating weight	kg lbs	17810 39,271
Axle load, front/rear	kg lbs	11265/5205 24,839/11,477
Axle load at max. operating weight, front/rear	kg lbs	12180/5630 26,857/12,414
Static linear load, front	kg/cm lbs/in	52,64 294.8
French classification, value/class		74,61/VPM5
Wheel load per tire, rear	kg lbs	2602,5 5,739

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 plastic protective roof	mm in	3054 120.2
Height loading, min.	mm in	3054 120.2
Center distance	mm in	3266 128.6
Total width with cab	mm in	2474 97.4
Maximum 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
Slope angle, front/rear	°	33,7/23,7

Drum dimensions

Drum width, front	mm in	2140 84.3
Drum diameter, front	mm in	1697 66.8
Drum thickness, front	mm in	30 1.2
Drum type, front		Padfoot
Height of the padfeet	mm in	112 4.4
Padfeet, quantity		130

Tire dimensions

Tire size, rear		TR 23.1/18-26 12 PR
Width over tires, rear	mm in	2154 84.8
Number of tires, rear		2

Diesel engine

Manufacturer		JOHN DEERE
Model		JDPS 4045PSS
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		119,6/162,6/2000
Power SAE J1349, kW/HP/rpm		119,6/160,4/2000
Exhaust emissions category, EU		EU Stage 5
Exhaust emissions category, USA		EPA Tier 4
Exhaust emissions category, Korea		KOR Stage 5
Exhaust gas after-treatment		DOC-DPF-SCR

Travel drive

Speed, infinitely variable	km/h mph	0 - 12,0 0.0 - 7.5
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	59/66

Vibration

Vibration frequency, front, level I/II	Hz vpm	28/31 1,680/1,860
Amplitude, front, level I/II	mm in	2,15/1,35 .085/.053
Centrifugal force, front, level I/II	kN lbs	330/260 74,250/58,500

Steering

Steering angle +/-	°	35
Pendulum angle +/-	°	max. 12
Steering, type		Articulated steering

Tank capacity/filling capacity

Fuel tank, capacity	L Gal	280 74.0
AdBlue/SCR reducing agent tank, capacity	L Gal	32 8.5

Sound level

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

EQUIPMENT