

Technical data

HC 130i VIO



Compactors Series HC
Compactor with VIO drum

H254

HIGHLIGHTS

- > High compaction performance
- > VIO compaction system – vibration or oscillation
- > Hammtronic for high comfort, safety and reduced emissions
- > Customised configuration possibilities and a wide range of options
- > Digital ready

TECHNICAL DATA HC 130i VIO (H254)

Weights

Operating weight with cab	kg lbs	12585 27,750
Operating weight with ROPS	kg lbs	13235 29,183
Empty weight without cab, without ROPS	kg lbs	11510 25,380
Max. operating weight	kg lbs	17010 37,507
Axle load, front/rear	kg lbs	7135/5450 15,733/12,017
Axle load at max. operating weight, front/rear	kg lbs	7860/9150 17,331/20,176
Static linear load, front	kg/cm lbs/in	33,34 186.7
French classification, value/class		
Wheel load per tire, rear	kg lbs	2725 6,009

Machine dimensions

Total length	mm in	6117 240.8
Total height with cab	mm in	3054 120.2
Total height with ROPS	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	°	34,2/23,7

Drum dimensions

Drum width, front	mm in	2140 84.3
Drum diameter, front	mm in	1504 59.2
Drum thickness, front	mm in	20 0.8
Drum type, front		Smooth

Tire dimensions

Tire size, rear		AW 23.1-26 12 PR
Width over tires, rear	mm in	2122 83.5
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 - 12,1 0.0 - 7.5
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	52/58

Vibration

Vibration frequency	Hz vpm	33 1,980
Amplitude, vibration	mm in	1,95 .077
Centrifugal force, vibration	kN lbs	280 63,000

Oscillation

Oscillation force	kN lbs	230,2 51,795
Oscillation frequency	Hz vpm	30 1,800
Tangential amplitude, oscillation	mm in	1,62 .064

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)	108
Sound power level L(WA), representative measurement	db(A)	106

EQUIPMENT