



Compactors Series HC

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

HC 100i P | **TECHNICAL DATA**

TECHNICAL DATA HC 100i P (H252)

Operating weight with cab kg 12410 27,364 Operating weight with ROPS lbs kg 12060 26,592 Empty weight without cab, without ROPS lbs kg 11335 24,994 Max. operating weight kg 14300 1bs 31,531 Axle load, front/rear kg 1580/5430 15,391/11,973 Axle load at max. operating weight, front/rear kg 8610/5690 18,985/12,546 Static linear load, front lbs/in yalue/class kg/cm 32,62 182.7 French classification, value/class kg 2715 182.7 Wheel load per tire, rear kg 2715 182.7 Machine dimensions mm 3054 in 240.8 Total length mm 3054 in 210.2 Total height with cab mm 3054 in 120.2 Total height with plastic protective roof mm 3054 in 120.2 Total height with plastic protective roof mm 3054 in 120.2 Height loading, min. mm 3054 in 120.2 Center distance mm 3054 in 120.2 Total width with cab mm 3054 in 120.2 Total width with cab mm 3054 in 120.2 Total width with cab mm 3054 in 120.2 Center distance mm 3054 in 120.2 Total width with cab mm 434.3 <	Weights		
Section Sect	Operating weight with cab		
without ROPS lbs 24,994 Max. operating weight kg 14300 Max. operating weight kg 14300 Axle load, front/rear kg 6980/5430 May 6980/5430 15,391/11,973 Axle load at max. operating weight, front/rear kg 8610/5690 Static linear load, front kg/cm 182.7 French classification, value/class 42,67VPM3 Wheel load per tire, rear kg 2715 lbs 2715 5,987 Machine dimensions mm 6117 Total length mm 3054 in 120.2 mm Total height with ROPS mm 3054 in 120.2 mm Total height with plastic protective roof mm 3054 in 120.2 mm Height loading, min. mm 3054 in 120.2 mm Center distance mm 3266 in 128.6 mm Tota	Operating weight with ROPS		
Max. operating weight lbs 31,531 Axle load, front/rear kg 6980/5430 Ibs 15,391/11,973 Axle load at max. operating weight, front/rear kg 8510/5690 Static linear load, front kg/cm lbs/in 32,62 French classification, value/class 42,6/VPM3 Wheel load per tire, rear kg 2715 Ibs 5,987 Machine dimensions mm 6117 Total length mm 3054 in 240.8 2715 Total height with cab mm 3054 in 120.2 20 Total height with ROPS mm 3054 in 120.2 3054 Pedight loading, min. mm 3054 in 120.2 3054 Height loading, min. mm 3054 in 120.2 3054 Center distance mm 2474 Total width with cab mm 2474 Maximum working width			
Axle load at max. operating weight, front/rear lbs 15,391/11,973 Axle load at max. operating weight, front/rear lbs 18,985/12,546 Static linear load, front lbs/in 32,62 182.7 French classification, value/class Wheel load per tire, rear lbs 5,987 Machine dimensions Total length mm 3054 in 120.2 Total height with cab mm 3054 in 120.2 Total height with plastic protective roof in 120.2 Height loading, min. mm 3054 in 120.2 Center distance mm 3266 in 128.6 Total width with cab mm 3266 in 128.6 Total height with plastic mm 3264 in 120.2 Total height with ROPS mm 3264 in 120.2	Max. operating weight		
weight, front/rear Ibs 18,985/12,546 Static linear load, front kg/cm lbs/in 32,62 182.7 French classification, value/class 42,6/VPM3 Wheel load per tire, rear kg lbs 2715 5,987 Machine dimensions mm 6117 240.8 Total length mm 3054 in 240.2 Total height with cab mm 3054 in 120.2 Total height with plastic protective roof mm 3054 in 120.2 Height loading, min. mm 3054 in 120.2 Center distance mm 3054 in 120.2 Center distance mm 3266 in 128.6 Total width with cab mm 3274 in 120.2 Maximum working width mm 2474 in 120.2 Maximum working width mm 2474 in 120.2 Curb clearance, center mm 374 in 184.3 Ground clearance, left/right mm 477/477 in 18.8/18.8 Turning radius, inside mm 4131 in 162.6 Slope angle, front/rear ° 33,7/23,7 Drum dimensions mm 1707 in 84.3 Drum diameter, front mm in 1707 in 67.2 Drum thickness, front mm in 1706 Drum thickness, front	Axle load, front/rear		
State linear load, front Ibs/in 182.7			
wheel load per tire, rear kg lbs 2715 5,987 Machine dimensions mm 3054 in 120.2 Total length mm 3054 in 120.2 Total height with cab mm 3054 in 120.2 Total height with plastic protective roof mm 3054 in 120.2 Height loading, min. mm 3054 in 120.2 Center distance mm 3266 in 128.6 Total width with cab mm 2474 in 97.4 Maximum working width mm 2140 in 84.3 Ground clearance, center mm 461 in 18.1 Curb clearance, left/right mm 477/477 in 18.8/18.8 Turning radius, inside mm 4131 in 162.6 Slope angle, front/rear 33,7/23,7 Drum dimensions mm 1707 in 84.3 Drum diameter, front mm 15 in 0.6 Drum thickness, front mm 15 in 0.6 Drum type, front Padfoot	Static linear load, front		
Machine dimensions 5,987 Total length mm in 240.8 Total height with cab in 120.2 mm 3054 in 120.2 Total height with ROPS in 120.2 mm 3054 in 120.2 Total height with plastic protective roof in 120.2 mm 3054 in 120.2 Height loading, min. mm 3054 in 120.2 Center distance mm 3266 in 128.6 Total width with cab in 128.6 mm 2474 in 97.4 Maximum working width in 84.3 34.3 Ground clearance, center in 18.1 461 in 18.1 Curb clearance, left/right in 18.8/18.8 mm 477/477 in 18.8/18.8 Turning radius, inside in 162.6 mm 4131 in 162.6 Slope angle, front/rear on 33,7/23,7 33,7/23,7 Drum dimensions mm 1707 in 1707 i			42,6/VPM3
Total length mm in 240.8 Total height with cab mm in 3054 120.2 Total height with ROPS mm 3054 120.2 Total height with plastic protective roof mm 3054 120.2 Height loading, min. mm 3054 in 120.2 Center distance mm 3266 in 128.6 Total width with cab mm 2474 in 97.4 Maximum working width mm 2140 in 84.3 Ground clearance, center mm 461 in 18.1 Curb clearance, left/right mm 477/477 in 18.8/18.8 Turning radius, inside mm 4131 in 162.6 Slope angle, front/rear 33,7/23,7 Drum dimensions mm 1707 in 67.2 Drum thickness, front mm 1707 in 67.2 Drum thickness, front mm in 0.6 Drum type, front Padfoot	Wheel load per tire, rear		
Total length in 240.8 Total height with cab mm in 3054 in Total height with ROPS mm in 3054 in Total height with plastic protective roof mm in 3054 in Height loading, min. mm in 3266 in Height loading, min. mm in 3266 in Total width with cab mm in 2474 in Maximum working width mm in 2140 in Maximum working width mm in 461 in Ground clearance, center mm in 477/477 in Curb clearance, left/right mm in 4131 in Turning radius, inside mm in 4131 in Slope angle, front/rear and 33,7/23,7 Drum dimensions mm in 2140 in Drum diameter, front mm in 1707 in Drum thickness, front mm in 15 in Drum type, front Padfoot	Machine dimensions		
Total height with ROPS in 120.2 Total height with ROPS mm in 3054 in Total height with plastic protective roof mm in 3054 in Height loading, min. mm in 3054 in Center distance mm in 3266 in Total width with cab mm in 2474 in Maximum working width mm in 2140 in Maximum working width mm in 461 in Ground clearance, center mm in 477/477 in Curb clearance, left/right mm in 4131 in Turning radius, inside mm in 4131 in Slope angle, front/rear ° 33,7/23,7 Drum dimensions Drum diameter, front mm in 1707 in Drum thickness, front mm in 15 in Drum type, front Padfoot	Total length		
Total height with plastic protective roof in 120.2 Total height with plastic protective roof in 120.2 Height loading, min. mm 3054 in 120.2 Center distance mm 3266 in 128.6 Total width with cab mm 2474 in 97.4 Maximum working width mm 2140 in 84.3 Ground clearance, center mm 461 in 18.1 Curb clearance, left/right mm 477/477 in 18.8/18.8 Turning radius, inside mm 4131 in 162.6 Slope angle, front/rear 33,7/23,7 Drum dimensions Drum width, front mm in 2140 in 84.3 Drum diameter, front mm 1707 in 67.2 Drum thickness, front mm in 0.6 Drum type, front Padfoot	Total height with cab		
Height loading, min.	Total height with ROPS		
Total width with cab	Total height with plastic protective roof		
Center distance in 128.6 Total width with cab mm in 2474 in Maximum working width mm in 2140 in Maximum working width mm in 461 in Ground clearance, center mm in 477/477 in Urb clearance, left/right mm in 4131 in Turning radius, inside mm in 4131 in Slope angle, front/rear * 33,7/23,7 Drum dimensions Drum width, front mm in 2140 in Maximum working width mm in 1707 in Forum dimensions mm in 1707 in Drum diameter, front mm in 15 in Drum thickness, front mm in 0.6 Drum type, front Padfoot	Height loading, min.		
In the state of the s	Center distance		
Salar	Total width with cab		
Turning radius, inside	Maximum working width		
Curb clearance, left/right in 18.8/18.8 Turning radius, inside mm in 4131 in Slope angle, front/rear ° 33,7/23,7 Drum dimensions mm in 2140 in Drum width, front mm in 1707 in Drum diameter, front mm in 15 in Drum thickness, front mm in 0.6 Drum type, front Padfoot	Ground clearance, center		
Turning radius, inside in 162.6 Slope angle, front/rear ° 33,7/23,7 Drum dimensions mm 2140 Drum width, front mm 1707 in 67.2 Drum diameter, front mm 15 Drum thickness, front in 0.6 Drum type, front Padfoot	Curb clearance, left/right		
Drum dimensions Drum width, front mm 2140 84.3	Turning radius, inside		
Drum width, front mm in 84.3 Drum diameter, front mm in 67.2 Drum thickness, front mm in 0.6 Drum type, front Padfoot	Slope angle, front/rear	0	33,7/23,7
Drum Width, front in 84.3 Drum diameter, front mm 1707 in 67.2 Drum thickness, front mm in 0.6 Drum type, front Padfoot	Drum dimensions		
Drum thickness, front in 67.2 Drum thickness, front in 0.6 Drum type, front Padfoot	Drum width, front		
Drum type, front in 0.6 Drum type, front Padfoot	Drum diameter, front		
mm 112	Drum thickness, front		
	Drum type, front		Padfoot
Height of the padfeet mm in 112	Height of the padfeet	mm in	112 4.4
Padfeet, quantity 130	Padfeet, quantity		130

Tire dimensions		TD 00 4
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 4045EWS
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		85,0/115,7/2000
Power SAE J1349, kW/HP/rpm		85,0/114,0/2000
Exhaust emission standard		EU Stage V / EPA Tier 4
Exhaust gas after-treatment		DOC-DPF-SCR
Travel drive		
Speed, infinitely variable	km/h mph	0 - 11,9 0.0 - 7.4
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	55/61
Vibration		
Vibration frequency, front, level I/II	Hz vpm	30/33 1,800/1,980
Amplitude, front, level I/II	mm in	1,80/0,8 .071/.031
Centrifugal force, front, level I/II	kN lbs	250/130 56,250/29,250
Steering		
Pendulum angle +/-	٥	max. 12
Steering, type		Articulated steering
Tank capacity/filling capaci	ty	
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)	104

EQUIPMENT

12 V sockets (2-fold) | Two large exterior rear-view mirrors | 3-point articulation | Dashboard with displays, indicator lights and function keys | Easy Drive operating concept | ECO mode | Speed preselect | Hose protection on the front vehicle | Vibration-isolated driver's platform | Automatic vibration system

OPTIONAL EQUIPMENT

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