

Technical data

HC 110 C



Compactors Series HC
Compactor with smooth drum

H253

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 110 C (H253)

Weights		
Operating weight with cab	kg lbs	11765 25,942
Operating weight with ROPS	kg lbs	11515 25,391
Basic weight no cab, without ROPS	kg lbs	10820 23,858
Operating weight, max.	kg lbs	15070 33,229
Axle load, front/rear	kg lbs	6365/5400 14,035/11,907
Axle load max., front/rear	kg lbs	9410/5660 20,749/12,480
Static linear load, front	kg/cm lbs/in	29,74 166.5
French classific., data/class		40,3/VM3
Load per tire, rear	kg lbs	2700 5,953

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
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	°	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	30 1.2
Drum type, front		Smooth

Wheel dimensions		
Size of tires, rear		AW 23.1-26 12 PR
Width over tires, rear	mm in	2122 83.5

Wheel dimensions		
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 - 12,1 0.0 - 7.5
Regulation, infinitely variable		Hammtronic
Climbing ability, vibration on/off	%	57/63

Vibration		
Vibration frequency, front, I/II	Hz vpm	30/36 1,800/2,160
Amplitude, front, I/II	mm in	1,95/0,85 .077/.033
Centrifugal force, front, I/II	kN lbs	250/155 56,250/34,875

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

Tank capacity/Fill capacity		
Fuel tank, capacity	L Gal	280 74.0

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

EQUIPMENT

ROPS cabin with heating and air conditioning, FOPS-approved (level I) | Auxiliary heater | Tachograph | Bluetooth interface for Smart Doc | Padfoot shell | Automatic engine-off function | Back-up alarm | JDLink | Working light | Engine hood with electrical easy access engine cover release | Coming home lighting | Battery isolating switch

OPTIONAL EQUIPMENT