A WIRTGEN GROUP COMPANY

HAMM

Technical data

HC 110



Compactors Series HC
Compactor with smooth drum

H311

HIGHLIGHTS

> High compaction performance
> Spacious driver's platform with Easy Drive operating concept
> Hammtronic combines intelligent operating comfort, driver assistance and efficient machine management
> Customised configuration possibilities and a wide range of options
> Digital ready

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TECHNICAL DATA HC 110 (H311)

Weights		
Operating weight with cab	kg	11765
Operating weight with ROPS	kg	11415
Empty weight without cab, without ROPS	kg	10720
Max. operating weight	kg	15060
Axle load, front/rear	kg	6460/5305
Axle load at max. operating weight, front/rear	kg	9500/5560
Static linear load, front	kg/cm	30,19
French classification, value/class		40,81/VM3
Wheel load per tyre, rear	kg	2652,5
Machine dimensions		
Total length	mm	6117
Total height with cab	mm	3054
Total height with ROPS	mm	3054
Total height with plastic protective roof	mm	3054
Height loading, min.	mm	3054
Centre distance	mm	3266
Total width with cab	mm	2474
Maximum working width	mm	2140
Ground clearance, centre	mm	461
Kerb clearance, left/right	mm	477/477
Turning radius, inside	mm	4131
Slope angle, front/rear	°	34,2/23,7
Drum dimensions		
Drum width, front	mm	2140
Drum diameter, front	mm	1504
Drum thickness, front	mm	25
Drum type, front		Smooth
Tyre dimensions		
Tyre size, rear		AW 23.1-26 12 PR
Width over tyres, rear	mm	2122
Number of tyres, rear		2
Diesel engine		
Manufacturer		JOHN DEERE
Model		JDPS 4045PTE
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		112/152,3/2200
Power SAE J1349, kW/HP/rpm		112/150,0/2200
Exhaust emission standard		UN ECE R96 (Tier 3)
Exhaust emissions category		UN ECE R96 (Tier 3)
Exhaust gas after-treatment		-
Travel drive		
Speed, infinitely variable	km/h	0 - 11,6
Regulation, infinitely variable		HAMMTRONIC
Gradeability, with/without vibration	%	53/59
Vibration		
Vibration frequency, front, level I/II	Hz	30/33

Vibration		
Amplitude, front, level I/II	mm	1,95/0,85
Centrifugal force, front, level I/II	kN	250/130
Steering		
Steering angle +/-	°	35
Pendulum angle +/-	°	max. 12
Steering, type		Articulated steering
Tank capacity/filling capacity		
Fuel tank, capacity	L	280
Sound level		
Sound power level L(WA), guaranteed	db(A)	108
Sound power level L(WA), representative measurement	db(A)	107

EQUIPMENT

12 V sockets (double) | 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

ROPS cab with heating system (FOPS, level I) | Preparation for JDLink | Heating / air-conditioning system | Tachograph | Smart Receiver | Process data interface for third-party provider systems, earthworks | Padfoot shells | Rear-view camera | Working spotlights | Engine hood with electrical release mechanism

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