

# 311D

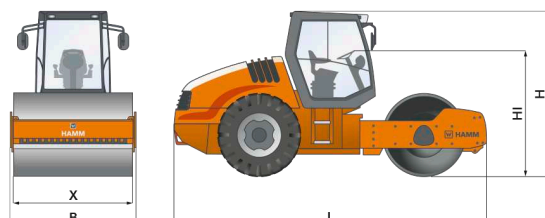
Soil compactor with smooth drum  
Compactors Series 300 / Series H216



## HIGHLIGHTS 300

- > 3-point articulation for outstanding traction and off-road mobility
- > Drum drive for high climbing ability
- > Simple, intuitive and language-neutral operation
- > Ergonomic driver platform
- > Excellent view of the machine and the construction site

Machine dimensions		
Total length (L)	mm	5698
Width (B)	mm	2262
Total height (H)	mm	3126
Drum width (X)	mm	2140
Height loading, min. (Hl)	mm	2331



CEV Stage III

TECHNICAL DATA		Unit	311D
	<b>Weights</b>		
	Operating weight with sunroof	kg	11220
	Operating weight, max.	kg	11440
	Axle load, front/rear	kg	6420/4800
	Static linear load, front	kg/cm	30,0
	French classific., data/class		40,6/VM3
	<b>Machine dimensions</b>		
	Total length	mm	5698
	Total height	mm	3126
	Height loading, min.	mm	2331
	Wheel base	mm	2995
	Total width	mm	2262
	Ground clearance, centre	mm	419
	Turning radius, inside	mm	3990
	Angle of driving slope, front/rear	°	29/26
	<b>Drum dimensions</b>		
	Drum width, front	mm	2140
	Drum diameter, front	mm	1504
	Drum thickness, front	mm	25
	Drum type, front		smooth
	<b>Wheel dimensions</b>		
	Size of tyres, rear		AW 23.1-26 8 PR
	Width over tyres, rear	mm	2140
	Number of tyres, rear		2
	<b>Diesel engine</b>		
	Manufacturer		CUMMINS
	Version		4BT AA 3.9
	Number of cylinders		4
	Power rat. ISO 14396, kW/PS/rpm		74/100/2200
	Power rating SAE J1349, kW/HP/rpm		74/99/2200
	Emission standard		CEV Stage III
	<b>Drive</b>		
	Speed, working gear	km/h	0-5,5/0-7,0/0-8,5
	Speed, transportation gear	km/h	0-12,5
	Climbing ability, vibration on/off	%	48/53
	<b>Vibration</b>		
	Vibration frequency, front, I/II	Hz	32/40
	Amplitude, front, I/II	mm	1,83/0,77
	Centrifugal force, front, I/II	kN	240/158
	<b>Steering</b>		
	Oscillation angle +/-	°	10
	Steering, type		Articulated steering
	<b>Tank capacity/Fill capacity</b>		
	Fuel tank, capacity	L	290
	<b>Sound level</b>		
	Acoustic power LW(A), sticker	db(A)	
	Acoustic power LW(A), measured	db(A)	110

#### EQUIPMENT

Dashboard with displays, indicator lights and switches, Operator's platform with access on one side, Vibration-isolated operator's platform, Longitudinal adjustment, 1 drive lever, Tilttable bonnet, Hydrostatic steering, 3-point articulation, Adjustable scraper, Plastic protective roof, reinforced with fibre glass and foldable, Dashboard cover

#### OPTIONAL EQUIPMENT

HAMM Compaction Meter (HCM), Speedometer, Telematics interface, Working lights, Hose protection

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