

Technical data

# 311D



**Soil Compactors Series 300**  
Soil compactor with smooth drum

**H216**

## HIGHLIGHTS

- > 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

## TECHNICAL DATA 311D (H216)

## Weights

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

## Machine dimensions

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

## Drum dimensions

Drum width, front	mm	2140
Drum diameter, front	mm	1504
Drum thickness, front	mm	25
Drum type, front		smooth

## Wheel dimensions

Size of tyres, rear		AW 23.1-26 8 PR
Width over tyres, rear	mm	2140
Number of tyres, rear		2

## Diesel engine

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

## Drive

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

## Vibration

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

## Steering

Oscillation angle +/-	°	10
Steering, type		Articulated steering

## Tank capacity/Fill capacity

Fuel tank, capacity	L	290
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## Sound level

Sound power level L(WA), guaranteed	db(A)	
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## Sound level

Acoustic power LW(A), measured	db(A)	110
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## EQUIPMENT

Dashboard with displays, indicator lights and switches | Operator's platform with access on one side | Vibration-isolated operator's platform | Seat 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