



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
Max. operating weight	kg	11440
Axle load, front/rear	kg	6420/4800
Static linear load, front	kg/cm	30,0
French classification, value/class		40,6/VM3

Machine dimensions

Total length	mm	5698
Total height	mm	3126
Height loading, min.	mm	2331
Centre distance	mm	2995
Total width	mm	2262
Ground clearance, centre	mm	419
Turning radius, inside	mm	3990
Slope angle, 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

Tyre dimensions

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

Diesel engine

Manufacturer		CUMMINS
Model		4BT AA 3.9
Cylinders, quantity		4
Power ISO 14396, kW/PS/rpm		74/100/2200
Power SAE J1349, kW/HP/rpm		74/99/2200
Exhaust emission standard		CEV III

Travel drive

Speed, working gear	km/h	0-5,5/0-7,0/0-8,5
Speed, transport gear	km/h	0-12,5
Gradeability, with/without vibration	%	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

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

Tank capacity/filling capacity

Fuel tank, capacity	L	290
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Sound level

Sound power level L(WA), guaranteed	db(A)	
Sound power level L(WA), representative measurement	db(A)	110

EQUIPMENT

Dashboard with displays, indicator lights and switches | Driver's platform with access on one side | Vibration-isolated driver's platform | Seat length adjustment | One drive lever | Tilttable engine hood | 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