

Technical data

311



Soil Compactors Series 300
Soil Compactor with smooth drum

H216

HIGHLIGHTS

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

TECHNICAL DATA 311 (H216)		
Weights		
Operating weight with sunroof	kg	11000
Max. operating weight	kg	11220
Axle load, front/rear	kg	6200/4800
Static linear load, front	kg/cm	29,0
French classification, value/class		38,9/VM2
Machine dimensions		
Total length	mm	5633
Total height	mm	3126
Height loading, min.	mm	2331
Centre distance	mm	3010
Total width	mm	2262
Ground clearance, centre	mm	419
Turning radius, inside	mm	4020
Slope angle, front/rear	°	29/29
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	0-7,0
Speed, transport gear	km/h	0-12,0
Gradeability, with/without vibration	%	36/41
Vibration		
Vibration frequency, front, I/II	Hz	32/40
Amplitude, front, I/II	mm	1,80/0,76
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
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