

Technical data

311



Compactors Series 300
Compactor with smooth drum

H216

HIGHLIGHTS

- > Simple, intuitive and language-neutral control
- > 3-point articulation for excellent traction and cross-country mobility
- > Ergonomic driver platform
- > Simple maintenance and repair
- > Excellent view of machine and construction site

TECHNICAL DATA 311 (H216)

Weights

Operating weight with sunroof	kg lbs	11000 24,255
Max. operating weight	kg lbs	11220 24,740
Axle load, front/rear	kg lbs	6200/4800 13,671/10,584
Static linear load, front	kg/cm lbs/in	29,0 162.4
French classification, value/class		38,9/VM2

Machine dimensions

Total length	mm in	5633 221.8
Total height	mm in	3126 123.1
Height loading, min.	mm in	2331 91.8
Center distance	mm in	3010 118.5
Total width	mm in	2262 89.1
Ground clearance, center	mm in	419 16.5
Turning radius, inside	mm in	4020 158.3
Slope angle, front/rear	°	29/29

Drum dimensions

Drum width, front	mm in	2140 84.3
Drum diameter, front	mm in	1504 59.2
Drum thickness, front	mm in	25 1.0
Drum type, front		Smooth

Tire dimensions

Tire size, rear		AW 23.1-26 8 PR
Width over tires, rear	mm in	2140 84.3
Number of tires, 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 mph	0-7,0 0.0-4.3
Speed, transport gear	km/h mph	0-12,0 0.0-7.5

Travel drive

Gradeability, with/without vibration	%	36/41
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Vibration

Vibration frequency, front, I/II	Hz vpm	32/40 1,920/2,400
Amplitude, front, I/II	mm in	1,80/0,76 .071/.030
Centrifugal force, front, I/II	kN lbs	240/158 54,000/35,550

Steering

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

Tank capacity/filling capacity

Fuel tank, capacity	L Gal	290 76.6
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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 fiber glass and foldable | Dashboard cover

OPTIONAL EQUIPMENT

HAMM Compaction Meter (HCM) | Speedometer | Telematics interface | Working light | Hose protection