

Technical data

HC 228 D



Compactors Series HC
Compactor with smooth drum

H291

HIGHLIGHTS

- > High compaction performance
- > Ergonomic driver platform
- > Simple, intuitive and language-neutral operation
- > 3-point articulation for outstanding traction and off-road mobility
- > Excellent view of the machine and the construction site
- > Electronic machine management Hammtronic
- > Easy maintenance and servicing

TECHNICAL DATA HC 228 D (H291)

Weights

Operating weight with cab	kg	22300
Max. operating weight	kg	23910
Axle load, front/rear	kg	14460/7840
Axle load at max. operating weight, front/rear	kg	16020/7890
Static linear load, front	kg/cm	67,6
French classification, value/class		96,1/VM5
Wheel load per tyre, rear	kg	3920

Machine dimensions

Total length	mm	6847
Total height	mm	3301
Height loading, min.	mm	2803
Centre distance	mm	3433
Total width	mm	2350
Maximum working width	mm	2140
Ground clearance, centre	mm	441
Kerb clearance, left/right	mm	505/505
Turning radius, inside	mm	5159
Slope angle, front/rear	°	35/29

Drum dimensions

Drum width, front	mm	2140
Drum diameter, front	mm	1600
Drum thickness, front	mm	45
Drum type, front		Smooth

Tyre dimensions

Tyre size, rear		AW 23.1-26 12 PR
Width over tyres, rear	mm	2235

Diesel engine

Manufacturer		CUMMINS
Model		QSB5.9-C210-30
Cylinders, quantity		6
Power ISO 14396, kW/PS/rpm		154/209/2200
Power SAE J1349, kW/HP/rpm		154/206/2200
Exhaust emission standard		UN ECE R96 (Tier 3)
Exhaust gas after-treatment		-

Travel drive

Gradeability, with/without vibration	%	52/58
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Vibration

Vibration frequency, front, level I/II	Hz	27/30
Amplitude, front, level I/II	mm	2,02/1,20
Centrifugal force, front, level I/II	kN	331/242

Steering

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

Tank capacity/filling capacity

Fuel tank, capacity	L	321
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Sound level

Sound power level L(WA), guaranteed	db(A)	
Sound power level L(WA), representative measurement	db(A)	107

EQUIPMENT

Dashboard with displays, indicator lights and switches | Driver's platform with access on one side | Vibration-isolated driver's platform | Seat length adjustment | 1 drive lever | ECO mode | Tilttable engine hood | Hydrostatic steering | 3-point articulation | Emergency stop | Adjustable scraper | Battery isolation switch | Hose protection on the front vehicle | Spring-mounted driver's seat with armrest and seat belt

OPTIONAL EQUIPMENT

Plastic protective roof, reinforced with fibre glass and folding | Process data interface for third-party provider systems, earthworks | Padfoot shells | HAMM Compaction Meter (HCM) | Back-up alarm | Working spotlights | Rotating beacon | Tool kit