

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 control
- > 3-point articulation for excellent traction and cross-country mobility
- > Excellent view of machine and construction site
- > Electronic machine management Hammtronic
- > Easy maintenance and servicing

**TECHNICAL DATA HC 228 D (H291)**

**Weights**

Operating weight with cab	kg lbs	22300 49,171
Max. operating weight	kg lbs	23910 52,722
Axle load, front/rear	kg lbs	14460/7840 31,884/17,287
Axle load at max. operating weight, front/rear	kg lbs	16020/7890 35,324/17,397
Static linear load, front	kg/cm lbs/in	67,6 378.5
French classification, value/class		96,1/VM5
Wheel load per tire, rear	kg lbs	3920 8,644

**Machine dimensions**

Total length	mm in	6847 269.6
Total height	mm in	3301 130.0
Height loading, min.	mm in	2803 110.4
Center distance	mm in	3433 135.2
Total width	mm in	2350 92.5
Maximum working width	mm in	2140 84.3
Ground clearance, center	mm in	441 17.4
Curb clearance, left/right	mm in	505/505 19.9/19.9
Turning radius, inside	mm in	5159 203.1
Slope angle, front/rear	°	35/29

**Drum dimensions**

Drum width, front	mm in	2140 84.3
Drum diameter, front	mm in	1600 63.0
Drum thickness, front	mm in	45 1.8
Drum type, front		Smooth

**Tire dimensions**

Tire size, rear		AW 23.1-26 12 PR
Width over tires, rear	mm in	2235 88.0

**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

**Diesel engine**

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 vpm	27/30 1,620/1,800
Amplitude, front, level I/II	mm in	2,02/1,20 .080/.047
Centrifugal force, front, level I/II	kN lbs	331/242 74,475/54,450

**Steering**

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

**Tank capacity/filling capacity**

Fuel tank, capacity	L Gal	321 84.8
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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 | Tiltable 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 fiber glass and folding | Process data interface for third-party provider systems, earthworks | Padfoot shell | HAMM Compaction Meter (HCM) | Back-up alarm | Working spotlights | Rotating beacon | Tool kit