

Technical data

HC 208 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 208 D (H291)

Weights

| | | |
|--|-----------------|-----------------------------|
| Operating weight with cab | kg lbs | 20415 45,015 |
| Max. operating weight | kg lbs | 22020 48,554 |
| Axle load, front/rear | kg lbs | 12745/7670 28,103/16,912 |
| Axle load at max. operating weight, front/rear | kg lbs | 14300/7720 31,531/17,023 |
| Static linear load, front | kg/cm lbs/in | 59,6 333.7 |
| French classification, value/class | | 84,7/VM5 |
| Wheel load per tire, rear | kg lbs | 3835 8,456 |

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 |
|--------------------------------------|---|-------|

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 |
|---------------------|----------|-------------|

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