YELLOWSTONE

2010 Model Year

MC-Series Motorhome Chassis

FEATURE
3-Year, 50,000-Mile Warranty
50,000 PSI Frame Rail
55-Degree Wheel Cut
400 Dealers

BENEFIT
Best in The Industry
Solid Foundation
Excellent Maneuverability
Service Where You Need It

Driven By You
### MC SERIES

<table>
<thead>
<tr>
<th><strong>Yellowstone</strong></th>
<th><strong>Custom Chassis Features</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>- 5-year 100,000-mile coolant***</td>
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<tr>
<td>- TranSynd transmission fluid</td>
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<tr>
<td>- Fuel/water separator</td>
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<tr>
<td>- Farr Eco air cleaner</td>
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<tr>
<td>- Air filter restriction indicator</td>
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<tr>
<td>- Engine braking: VGT</td>
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<tr>
<td>- R-134A air conditioning compressor</td>
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<tr>
<td>- Electronic cruise control with high idle</td>
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</tr>
<tr>
<td>- VIP steering wheel, 18 in (457mm)</td>
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<tr>
<td>- TRW tilt steering column</td>
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<tr>
<td>- Push button shift control with park</td>
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<tr>
<td>- Driver information center</td>
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<tr>
<td>- Hendrickson suspension, Sachs tuned shock absorbers</td>
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<td>- Heater hose assembly</td>
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<tr>
<td>- Daytime running lights</td>
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<tr>
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### Engine

- Cummins ISB turbocharged, aftercooled 6.7 L electronic diesel
- **Peak HP**
  - 300 HP @ 2,600 rpm
  - 620 lb•ft (841 N•m) @ 1,500 rpm
- **Peak Torque**
  - 340 HP @ 2,800 rpm
  - 660 lb•ft (895 N•m) @ 1,500 rpm

### Transmission

- Allison 1000MH six-speed automatic with lock up
- **Gear Ratios**
  - First: 10.00:1
  - Second: 7.10:1
  - Third: 6.10:1
  - Fourth: .69:1
  - Fifth: .49:1
  - Sixth: .49:1
  - Rev: 4.49:1

### Vehicle Weight Ratings

- **Front GAWR**
  - 9,000 lb (4086 kg)
  - 22,000 lb (9988 kg)
- **Rear GAWR**
  - 15,000 lb (6810 kg)
  - 26,000 lb (11,804 kg)
- **GVWR**
  - 10,000 lb (4540 kg)
  - 17,000 lb (7718 kg)
- **GCWR**
  - 17,000 lb (7718 kg)
  - 30,000 lb (13,620 kg)

### Wheelbase

- 228 in

### Front Axle

- **Capacity**
  - 10,000 lb (4540 kg)
- **Track Width**
  - 79.7 in (2024 mm)

### Rear Axle

- **Drive Ratio**
  - 4.78:1
- **Capacity**
  - 15,000 lb (6810 kg)
- **Track Width**
  - 69.3 in (1760 mm)

### Brakes

- Bosch hydraulic pin slide disc with ABS
- **Front and Rear Service**
  - 15 in disc
- **Parking**
  - Transmission-mounted disc
- **Shift selector with park**

### Cooling System

- **Radiator Core**
  - 14 FPI, 750 in² (4839 cm²) area
- **Radiator Type**
  - Down-flow, front-mounted
- **Charge Air Cooler**
  - Cross-flow
- **Transmission Oil Cooler**
  - Water-to-oil
- **Fan**
  - Belt-driven with viscous clutch

### Electrical System

- **Alternator**
  - Leece-Neville 200 amp
- **Starting**
  - Delco 29MT, 12 volt
- **Battery**
  - Two 760 CCA @ 0°F (-18°C); maintenance-free

### Frame

- **Max Resist. Bending Moment**
  - 536,800 lbin (60 650 Nm)
- **Max Frame Section**
  - 9 1/8 x 3.00 x 5/16 in (232 x 76 x 7.9 mm)

### Fuel Tank

- 60 gal (227 L) LH fill
- 80 gal (303 L) LH fill

### Steering System

- **Rear 10,000 lb (4540 kg)**
- **Ratio**
  - 18.2:1
- **Pump**
  - Gear-driven
- **Wheel Cut**
  - 55°

### Suspension

- **Hendrickson SOFTEK (front) taperleaf (rear)**
- **Shock Absorber**
  - Tuned Sachs shocks
  - 1.50 in (38 mm) front 1.75 (44 mm) rear
- **Heavy-duty Stabilizer Bar Diam**
  - 235/80R22.5 LRG
  - 255/70R 22.5 LRH

### Tires

- Steel 22.5 x 8.25 in (572 x 210 mm)
- 11.25 in (285.75 mm) diameter bolt center

### Instrumentation

- Gauges: speedometer • tachometer
- *engine oil pressure • water temperature
- *voltmeter • fuel level

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For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 11/01/09, and are subject to change without notice. Ratings are general guidelines. Illustrations may include optional equipment and accessories but may not include all standard equipment. To order more sales literature call 1-800-585-8831.

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11/09