



# CRESCENDO

**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**



## CRESCENDO

### Custom Chassis Features

- 5-year 100,000-mile coolant\*\*\*
- TranSynd transmission fluid
- Fuel/water separator
- Farr Eco air cleaner
- Air filter restriction indicator
- Engine braking : VGT
- R-134A air conditioning compressor
- Electronic cruise control with high idle
- VIP steering wheel, 18 in (457mm)
- TRW tilt steering column
- Push button shift control with park
- Driver information center
- Hendrickson suspension , Sachs tuned shock absorbers
- GVWR 22,000 lb 235/80R LRG tires  
GVWR 26,000 lb 255/70R LRH tires
- Heater hose assembly
- Daytime running light

\* Transmission limited GVWR & GCWR.  
See operator's manual for braking requirements on towed vehicle.

\*\*\* Some maintenance required

*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.*



Driven By You

## MC SERIES

<b>Engine</b>	Cummins ISB turbocharged, aftercooled 6.7 L electronic diesel	
Peak HP	300 HP @ 2,600 rpm	340 HP @ 2800 rpm
Peak Torque	620 lb•ft (841 N•m) @ 1,500 rpm	660 lb•ft (895 N•m) @ 1,500 rpm
<b>Transmission</b>	Allison 1000MH six-speed automatic with lock up <b>with 300 hp</b>	Allison 2350MH six-speed automatic with lock up <b>with 340 hp</b>
Gear Ratios	<u>First:</u> <u>Second:</u> <u>Third:</u> <u>Fourth:</u> <u>Fifth:</u> <u>Sixth:</u> <u>Rev:</u> 3.10:1 1.81:1 1.41:1 1.00:1 .71:1 .61:1 4.49:1	
<b>Vehicle Weight Ratings</b>		
Front GAWR	9,000 lb (4086 kg)	10,000 lb (4540 kg)
Rear GAWR	15,000 lb (6810 kg)	17,000 lb (7718 kg)
GVWR *	22,000 lb (9988 kg)	27,000 lb (12,258 kg)
GCWR *	26,000 lb (11,804 kg)	30,000 lb (13,620 kg)
<b>Wheelbase</b>	228 in (5791 mm)	228 in (5791 mm)
<b>Front Axle</b>	Hendrickson STEERTEK I-Beam, wide track	
Capacity	10,000 lb (4540 kg)	
Track Width	79.7 in (2024 mm)	
<b>Rear Axle</b>		
Drive Ratio	4.78:1	4.78:1
Capacity	15,000 lb (6810 kg)	17,500 lb (7945 kg)
Track Width	69.3 in (1760 mm)	69.3 in (1760 mm)
<b>Brakes</b>	Bosch hydraulic pin slide disc with ABS	
Front and Rear Service	15 in disc	
Parking	Transmission-mounted disc Shift selector with park	
<b>Cooling System</b>	14 FPI, 750 in <sup>2</sup> (4839 cm <sup>2</sup> ) area	
Radiator Core	Down-flow, front-mounted	
Radiator Type	Cross-flow	
Charge Air Cooler	Water-to-oil	
Transmission Oil Cooler	Belt-driven with viscous clutch	
Fan		
<b>Electrical System</b>	Leece-Neville 200 amp	
Alternator	Delco 29MT, 12 volt	
Starting	Two 760 CCA @ 0°F (-18°C); maintenance-free	
Battery		
<b>Frame</b>	Straight frame rail construction	
Max Resist. Bending Moment	536,800 lb•in (60 650 N•m)	
Max Frame Section	9 1/8 x 3.00 x 5/16 in (232 x 76 x 7.9 mm)	
<b>Fuel Tank</b>	60 gal (227 L) LH fill	80 gal (303 L) LH fill
<b>Steering System</b>	TRW THP 60, integral hydraulic power gear	
Rating	10,000 lb (4540 kg)	
Ratio	18.2:1	
Pump	Gear-driven	
Wheel Cut	55°	
<b>Suspension</b>	Hendrickson SOFTEK (front) taperleaf (rear)	
Shock Absorber	Tuned Sachs shocks	
Heavy-duty Stabilizer Bar Diam	1.50 in (38 mm) front 1.75 (44 mm) rear	
<b>Tires</b>	235/80R22.5 LRG	255/70R 22.5 LRH
<b>Wheels</b>	Steel 22.5 x 8.25 in (572 x 210 mm) with 10 bolt lugs 11.25 in (285.75 mm) diameter bolt center	
<b>Instrumentation</b>	Gauges: speedometer • tachometer • engine oil pressure • water temperature • voltmeter • fuel level	