



# SUN SPORT

**2009 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**



## SUN SPORT

### 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
- Goodyear G670 RV 255/70R 22.5 LRH
- Heater hose assembly
- Daytime running lights

\* Transmission limited 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 4/01/08, 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> Peak HP Peak Torque	Cummins ISB turbocharged, aftercooled 6.7 L electronic diesel 340 HP @ 2,800 rpm 660 lb•ft (895 N•m) @ 1,500 rpm
<b>Transmission</b> Gear Ratios	Allison 2350 MH six-speed automatic with lock up  <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 Rear GAWR GVWR * GCWR *	10,000 lb (4540 kg) 17,000 lb (7718 kg) 27,000 lb (12,258 kg) 30,000 lb (13,620 kg)
<b>Wheelbase</b>	250 in (6350 mm) 266 in (6756 mm)
<b>Front Axle</b> Capacity Track Width	Hendrickson STEERTEK I-Beam, wide track 10,000 lb (4540 kg) 79.7 in (2024 mm)
<b>Rear Axle</b> Drive Ratio Capacity Track Width	4.78:1 17,500 lb (7945 kg) 69.3 in (1760 mm)
<b>Brakes</b> Front and Rear Service Parking	Bosch hydraulic pin slide disc with ABS 15 in disc Transmission-mounted disc Shift selector with park
<b>Cooling System</b> Radiator Core Radiator Type Charge Air Cooler Transmission Oil Cooler Fan	14 FPI, 750 in <sup>2</sup> (4839 cm <sup>2</sup> ) area Down-flow, front-mounted Cross-flow Water-to-oil Belt-driven with viscous clutch
<b>Electrical System</b> Alternator Starting Battery	Leece-Neville 200 amp Delco 29MT, 12 volt Two 760 CCA @ 0°F (-18°C); maintenance-free
<b>Frame</b> Max Resist. Bending Moment Max Frame Section	Straight frame rail construction 536,800 lb•in (60 650 N•m) 9 1/8 x 3.00 x 5/16 in (232 x 76 x 7.9 mm)
<b>Fuel Tank</b>	80 gal (303 L), left-hand fuel fill
<b>Steering System</b> Rating Ratio Pump Wheel Cut	TRW THP 60, integral hydraulic power gear 10,000 lb (4540 kg) 18.2:1 Gear-driven 55°
<b>Suspension</b> Shock Absorber Heavy-duty Stabilizer Bar Diam	Hendrickson SOFTEK (front) taperleaf (rear) Tuned Sachs shocks 1.50 in (38 mm) front 1.75 (44 mm) rear
<b>Tires</b>	Goodyear G670 RV 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