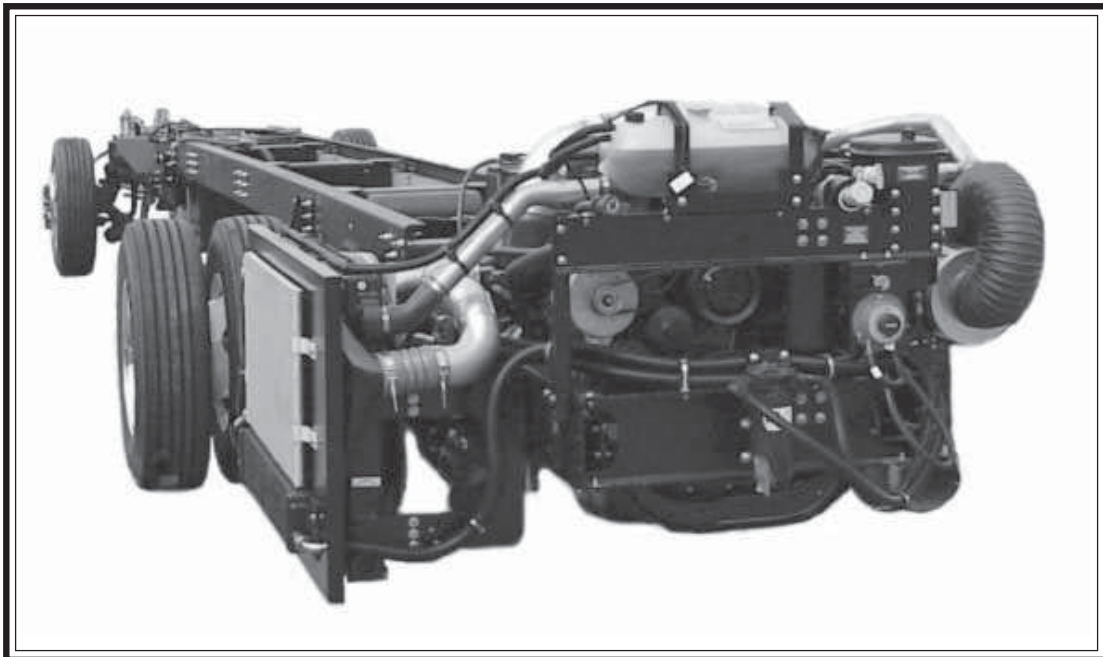




## **XCR- Series Motorhome Chassis**

| <b><u>FEATURE</u></b>                | <b><u>BENEFIT</u></b>     |
|--------------------------------------|---------------------------|
| ■ 3 Year, 50,000 Mile Warranty ..... | Best in The Industry      |
| ■ 50,000 PSI Frame Rail .....        | Solid Foundation          |
| ■ 60 Degree Wheel Cut .....          | Excellent Maneuverability |
| ■ 400 Dealers .....                  | Service Where You Need It |

2008 MODEL YEAR



# **Empress**

by Triple E

## Empress by Triple E Custom Chassis Features

- 5 year, 100,000 mile coolant \*\*\*
- TranSynd Transmission Fluid
- Lowered engine
- 18.7 CFM air compressor
- Fuel/water separator
- Farr Eco-air cleaner
- Air filter restriction indicator
- 1000 watt in-block engine heater
- Engine braking: Compression brake
- Battery shut off switch
- R-134A air conditioning compressor
- Electronic cruise control with high idle
- Leather wrapped VIP *SmartWheel*, 18 in (457 mm)
- TRW infinitely adjustable tilt/telescoping steering column
- Push button shift control
- Driver message center with integral LCD display
- Air ride suspension/Sachs tuned shock absorbers
- Michelin XZA 3 275/80R 22.5, LRH tires
- Polished aluminum wheels with trim kit
- Heater hose assembly to front of chassis
- Haldex PURest heated air dryer
- Automatic, heated moisture ejector
- Air suspension deflation system
- Daytime Running Lights
- Tow power connector

\* Towing capacity limited by towing components and their attachment to the frame. See operators manual for braking requirements on towed vehicles

\*\*\* Some maintenance required

*For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 4/05/07, 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.*



| <b>XCR-SERIES</b>  |  |
|--|--|
| <b>Engine</b><br><br>Peak Hp<br>Peak Torque  | Cummins ISL turbocharged, aftercooled, 8.9 L electronic diesel<br>425 Hp @ 2,200 rpm<br>1200 lb•ft (1627 N•m) @ 1,300 rpm  |
| <b>Transmission</b><br>Gear Ratios:  | Allison 3000MH six-speed automatic with lock up<br><u>First</u> <u>Second</u> <u>Third</u> <u>Fourth</u> <u>Fifth</u> <u>Sixth</u> <u>Rev.</u><br>3.49:1 1.86:1 1.41:1 1.00:1 75:1 65:1 5.03:1 |
| <b>Vehicle Weight Ratings</b><br>Front GAWR<br>Rear GAWR<br>GVWR<br>GCWR *                                     | 14,320 lb (6501 kg)<br>20,000 lb (9080 kg)<br>34,320 lb (15 581 kg)<br>44,320 lb (20 121 kg)   |
| <b>Wheelbase</b>   | 266 in (6756 mm)   |
| <b>Front Axle</b><br>Capacity<br>Track Width   | ZF - RL67EM IFS<br>14,600 lb (6628 kg)<br>84.3 in (2141 mm)  |
| <b>Rear Axle</b><br>Drive Ratio<br>Capacity<br>Track Width   | 4.63:1<br>20,000 lb (9080 kg)<br>72.1 in (1830 mm)   |
| <b>Brakes</b><br>Front Service<br>Rear Service<br>Parking Rear   | Full air brakes with ABS<br>17 in. Discs<br>16.5 x 7 in. drum- S-cam<br>16.5 x 7 in. drum<br>Spring-applied air release  |
| <b>Cooling System</b><br>Radiator Core<br>Radiator Type<br>Charge Air Cooler<br>Transmission Oil Cooler<br>Fan | 14 FPI 1,260 in <sup>2</sup> (8129 cm <sup>2</sup> ) area<br>Cross-flow, side mounted<br>Cross-flow, side mounted <sup>2</sup><br>Remote mounted water-to-oil<br>Variable speed, hydraulic     |
| <b>Electrical System</b><br>Alternator<br>Starting<br>Battery  | Leece-Neville 160 amp<br>Delco, 41MT 12 volt<br>Two 760 CCA @ 0°F (-18°C); maintenance-free  |
| <b>Frame</b><br>Max Resist. Bending Moment<br>Max Frame Section  | Raised Frame Rail with Lowered Rear Section<br>291,000 lb•in (32 892 N•m)<br>9.00 x 2.75 x .25 in (229 x 70 x 6.4 mm)  |
| <b>Fuel Tank</b>   | 100 gal (379 L), dual fuel fill  |
| <b>Steering System</b><br>Rating<br>Ratio<br>Wheel Cut   | ZF - 8018<br>14,600 lb (6628 kg)<br>19.3:1 to 22.1:1<br>60°  |
| <b>Suspension</b><br>Shock Absorber  | Air suspension (front and rear)<br>Tuned shocks, Sachs   |
| <b>Tires</b>   | Michelin XZA 3 275/80R 22.5 LRH  |
| <b>Wheels</b>  | 4 Aluminum 2 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<br>• Fuel Level • Dual Air Pressure • Transmission Temp.  |