XCR- Series Motorhome Chassis

**FEATURE**  
- 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.

7/07

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### XCR-SERIES

#### Engine

- Peak Hp: 425 Hp @ 2,200 rpm
- Peak Torque: 1200 lb•ft (1627 N•m) @ 1,300 rpm

#### Transmission

- Gear Ratios: Allison 3000MH six-speed automatic with lock up
  - Rev. 3.49:1 1.86:1 1.41:1 1.00:1 75:1 65:1 5.03:1

#### Vehicle Weight Ratings

- Front GAWR: 14,320 lb (6501 kg)
- Rear GAWR: 20,000 lb (9080 kg)
- GVWR: 34,320 lb (15581 kg)
- GCWR: 44,320 lb (20121 kg)

#### Wheelbase

- 266 in (6756 mm)

#### Front Axle

- Capacity: 14,600 lb (6628 kg)
- Track Width: 84.3 in (2141 mm)

#### Rear Axle

- Drive Ratio: 4.63:1
- Capacity: 20,000 lb (9080 kg)
- Track Width: 72.1 in (1830 mm)

#### Brakes

- Full air brakes with ABS
- Front Service: 17 in. Discs
- Rear Service: 16.5 x 7 in. drum - S-cam
- Parking Rear: 16.5 x 7 in. drum
- Spring-applied air release

#### Cooling System

- Radiator Core: 14 FPI 1,260 in²(8129 cm²) area
- Radiator Type: Cross-flow, side mounted
- Charge Air Cooler: Cross-flow, side mounted
- Transmission Oil Cooler: Remote mounted water-to-oil
- Fan: Variable speed, hydraulic

#### Electrical System

- Alternator: Leece-Neville 160 amp
- Starting Battery: Delco, 41MT 12 volt
- Two 760 CCA @ 0°F (-18°C); maintenance-free

#### Frame

- Max. Resist. Bending Moment: 291,000 lb•in (32,892 N•m)
- Max Frame Section: 251,000 lb•in (22,970 x 70 x 6.4 mm)

#### Fuel Tank

- 100 gal (379 L), dual fuel fill

#### Steering System

- Rating: ZF - 8018
- Ratio: 14,600 lb (6628 kg)
- Wheel Cut: 19.3:1 to 22.1:1
- 60°

#### Suspension

- Shock Absorber: Air suspension (front and rear)
- Tuned shocks, Sachs

#### Tires

- Michelin XZA 3 275/80R 22.5 LRH

#### Wheels

- 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

#### Instrumentation

- Gauges: Speedometer • Tachometer • Engine Oil Pressure • Water Temperature • Voltmeter • Fuel Level • Dual Air Pressure • Transmission Temp.