XC- Series Motorhome Chassis

**FEATURE**

- 3 Year, 50,000 Mile Warranty ............................................. Best in The Industry
- 9" 50,000 PSI Frame Rail .................................................. Solid Foundation
- 56 Degree Wheel Cut ..................................................... Excellent Maneuverability
- Over 350 Dealers .......................................................... Service Where You Need It

**BENEFIT**

2006 MODEL YEAR

Empress Elite

by Triple E
### Empress Elite by Triple E Custom Chassis Features

- 5 year, 100,000 mile coolant ***
- TranSynd Transmission Fluid
- 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)
- Douglas tilt/telescoping steering column
- Push button shift control
- LCD Info center
- 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

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### Specifications

#### Engine
- **Cummins ISL turbocharged, aftercooled, 8.9 L electronic diesel**
- **Peak Hp**: 400 Hp @ 1,900 rpm
- **Peak Torque**: 1200 lb•ft (1627 N•m) @ 1,300 rpm

#### Transmission
- **Allison 3000MH six-speed automatic with lock up**
- Gear Ratios: 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 (15 581 kg)
- **GCWR**: 44,320 lb (20 121 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
- 17 in. Discs
- 16.5 x 7 in. drum- S-cam
- 16.5 x 7 in. drum
- Spring-applied air release

#### Cooling System
- Radiator Core: 1000 in² (6452 mm²)
- 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: Denso 12 volt
- Frame: Two 760 CCA @ 0°F (-18°C); maintenance-free

#### Frame
- Raised Rail Frame Configuration
- Max Resist. Bending Moment: 291,000 lb•in (32 892 N•m)
- Max Frame Section: 9.00 x 2.75 x .25 in (229 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
- **56°

#### Suspension
- 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 with odometer • Tachometer •
- Engine Oil Pressure • Water Temperature • Voltmeter •
- Fuel Level • Dual Air Pressure • Transmission Temp.