XCL- Series Motorhome Chassis

**FEATURE**

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

**2008 MODEL YEAR**

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**Ellipse**

*by Itasca*
### Ellipse by Itasca

**Custom Chassis Features**
- 5 year, 100,000 mile coolant***
- TranSynd Transmission Fluid
- Lowered engine
- 18.7 CFM air compressor
- Fuel/water separator
- Farr EcoBC air cleaner
- Air filter restriction indicator
- 1,000 watt in-block engine heater
- Battery shut off switch
- Engine braking: Compression brake
- R-134A air conditioning compressor
- Heater hose assembly to front of chassis
- 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
- 5" gauge package
- Michelin tires
- Polished aluminum wheels with trim kit
- Haldex PURest heated air dryer
- Automatic, heated moisture ejector
- Air suspension deflation system
- Day Time 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 vehicle.

*** Some maintenance required

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### Engine
- **Cummins ISL turbocharged, aftercooled,**
- **8.9 L electronic diesel**
- 400 Hp @ 2,200 rpm
- 1200 lb\(\text{ft}\) (1627 N\(\text{m}\)) @ 1,300 rpm

### Transmission
- **Allison 3000MH six-speed automatic with lock up**
- **First:** 3.49:1
- **Second:** 1.86:1
- **Third:** 1.41:1
- **Fourth:** 1.00:1
- **Fifth:** .75:1
- **Sixth:** .65:1
- **Rev:** 5.03:1

### Vehicle Weight Ratings
- **Front GAWR:** 12,350 lb (5607 kg)
- **Rear GAWR:** 20,000 lb (9080 kg)
- **GVWR:** 32,350 lb (14687 kg)
- **GCWR *:** 42,350 lb (19206 kg)

### Wheelbase
- 267 in (6775 mm)

### Front Axle
- **Capacity:** 12,400 lb (5630 kg)
- **Track Width:** 82.89 in (2105 mm)

### Rear Axle
- **Drive Ratio:** 4.63:1
- **Capacity:** 20,000 lb (9880 kg)
- **Track Width:** 72.1 in (1830 mm)

### Brakes
- Full air brakes with ABS
- **Front Service:** 15 x 4 in. drum-S-cam
- **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:** 2 rows, 15 FPI, 1270 in\(^2\) (8194 cm\(^2\)) area
- **Cross-flow, rear mounted**
- **Charge Air Cooler:** Cross-flow, rear mounted
- **Transmission Oil Cooler:** Water-to-oil
- **Fan:** Belt driven with viscous fan clutch

### Electrical System
- **Alternator:** Leece-Neville 170 amp
- **Starting:** Nippon-Denso, 12 volt
- **Battery:** Two 950 CCA @ 0°F (-18°C), maintenance-free

### Frame
- **Max Frame Section (Upper rail):** 9.125" x 2.75" x .3125" with Lowered Rear Section
- **Lowered Frame Rail Construction:** 8.125" x 2.75" x .3125

### Fuel Tank
- 100 gal (378 L), dual fuel fill

### Steering System
- **Rating:** TRW THP-60, integral hydraulic power gear
- **Ratio:** 12,000 lb (5448 kg)
- **Wheel Cut:** 20.4:1
- **55°**

### Suspension
- Neway Air suspension (front and rear)
- Tuned shocks, Sachs
- 1.50 in (38 mm) (front) I-beam axle only

### Tires
- **XZE 275/80R 22.5 LRG**
- 4 aluminum, 2 steel 22.5 x 8.25 in (572 x210mm) 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 Temperature