XC- Series Motorhome Chassis

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

2003 MODEL YEAR

Atrium
by Gulf Stream Coach
### Engine
- **Caterpillar 3126E**
  - Turbocharged, aftercooled
  - 7.2 L electronic diesel
  - Peak Hp: 330 @ 2,400 rpm
  - Peak Torque: 860 lb•ft (1165 N•m) @ 1,440 rpm

### Cummins ISL
- Turbocharged, aftercooled
- 7.2 L electronic diesel
- Peak Hp: 400 @ 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
- 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**: 12,000 lb (5448 kg)
- **Rear GAWR**: 20,000 lb (9080 kg)
- **GVWR**: 32,000 lb (14 528 kg)
- **GCWR**: 42,000 lb (19 068 kg)

### Wheelbase
- 276 in (7010 mm)

### Front Axle
- **Meritor FF-961**
  - Capacity: 12,000 lb (5448 kg)
  - Track Width: 81.9 in (2080 mm)

### Rear Axle
- **Meritor RS-19-144**
  - Drive Ratio: 4.63:1
  - Capacity: 20,000 lb (9080 kg)
  - Track Width: 72.1 in (1830 mm)

### Brakes
- (drum-style S-cam)
  - Full air brakes with auto slack adjusters and ABS
  - Front Service: 15 x 4 in
  - Rear Service: 16.5 x 7 in
  - Parking (rear axle): Spring applied air release, Push-pull lever controlled

### Cooling System
- **Radiator Core**: 2 rows, 15 FPI, 1,050 in²
  - Cross-flow, rear mounted
  - Charge Air Cooler: Cross-flow, rear mounted
  - Transmission Oil Cooler: Water-to-oil
  - Fan: Belt driven

- **Radiator Type**: Cross-flow, side mounted
- **Charge Air Cooler**: Cross-flow, side mounted
- **Transmission Oil Cooler**: Water-to-oil
- **Fan**: Variable speed, hydraulic

### Electrical System
- **Alternator**: Leece Neville 160 amp
- **Starting Battery**: Denso, 12 volt
  - Two 760CCA @ 0°F (-18°C); maintenance-free

### Frame
- **Rear Wheelbase**: 1000 watt in-block engine heater
- **Suspension**: Neway air suspension with tuned Sachs shock absorbers
- **Douglas tilt/telescoping steering column**
- **Fuel/water separator**
- **Michelin tires**
- **V-I-P steering wheel, 18 in (457 mm)**
- **Exhaust brake (3126E) C-brake (ISL)**
- **Towing capacity limited by towing components and their attachment to the frame.**

### Tires
- **Michelin XZE 275/80R 22.5 LRG**

### Wheels
- **22.5 x 8.25 in (522 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

---

For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 11/2002, 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.