# XC- Series Motorhome Chassis

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>BENEFIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Year, 50,000 Mile Warranty</td>
<td>Best in The Industry</td>
</tr>
<tr>
<td>9&quot; 50,000 PSI Frame Rail</td>
<td>Solid Foundation</td>
</tr>
<tr>
<td>50/56 Degree Wheel Cut</td>
<td>Excellent Maneuverability</td>
</tr>
<tr>
<td>Over 350 Dealers</td>
<td>Service Where You Need It</td>
</tr>
</tbody>
</table>

2004 MODEL YEAR

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Friendship

by Gulf Stream Coach
**Friendship by Gulf Stream Coach Custom Chassis Features**

- 5 year, 100,000 mile coolant ***
- 13.2 CFM air compressor (C7)
- 18.7 CFM air compressor (ISL)
- Fuel/water separator
- Farr Eco-air cleaner
- Air filter restriction indicator
- 1000 watt in-block engine heater
- Exhaust brake (C7) C-brake (ISL)
- R-134A air conditioning compressor
- Electronic cruise control with high idle
- VIP steering wheel, 18 in (457 mm)
- Douglas tilt/telescoping steering column
- Push button shift control
- Air ride suspension with tuned Sachs shock absorbers
- Michelin tires
- Heater hose assembly to front of chassis
- Haldex Pureest Air Plus heated air dryer
- Automatic, heated moisture ejector
- Tow power connector
- Polished aluminum wheels with trim kit

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

** Tire size may affect wheelcut.

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### Engine

<table>
<thead>
<tr>
<th>Caterpillar C7</th>
<th>Cummins ISL</th>
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<tbody>
<tr>
<td>Peak Hp 330 Hp @ 2,400 rpm</td>
<td>400 Hp @ 1,900 rpm</td>
</tr>
<tr>
<td>Peak Torque 860 lb•ft (1165 N•m) @ 1,440 rpm</td>
<td>1200 lb•ft (1627 N•m) @ 1,300 rpm</td>
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### 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 0.75:1
- Sixth 0.65:1
- Rev 5.03:1

### Vehicle Weight Ratings

<table>
<thead>
<tr>
<th>Front GAWR 12,000 lb (5448 kg)</th>
<th>Rear GAWR 20,000 lb (9080 kg)</th>
<th>GVWR 32,000 lb (14,528 kg)</th>
<th>GCWR * 42,000 lb (18,160 kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>13,880 lb (6302 kg)</td>
<td>20,000 lb (9080 kg)</td>
<td>20,000 lb (9080 kg)</td>
<td>43,880 lb (19,922 kg)</td>
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</table>

### Wheelbase

- 276 in (7010 mm)

### Front Axle

<table>
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<tr>
<th>I-Beam Wide track</th>
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</table>
- Capacity 12,000 lb (5448 kg)
- Track Width 81.9 in (2080 mm)

### Rear Axle

<table>
<thead>
<tr>
<th>ZF - RL75EM IFS</th>
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</table>
- Drive Ratio 4.78:1
- Capacity 20,000lb (9880 kg)
- Track Width 72.1 in (1830 mm)
- Spring-applied air release

### Brakes

- Full air brakes with ABS
- Front Service 16.5 x 7 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

<table>
<thead>
<tr>
<th>2 rows, 15 FPI, 1,050 in²</th>
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</table>
- Radiator Core
- Radiator Type Cross-flow
- Charge Air Cooler Cross-flow
- Transmission Oil Cooler Water-to-oil
- Fan Belt driven

### Electrical System

<table>
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<tr>
<th>Leece Neville 160 amp</th>
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</table>
- Alternator
- Starting Denso, 12 volt
- Battery Two 760 CCA @ 0°F (-18°C); maintenance-free

### Frame

<table>
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<tr>
<th>Raised Frame Rail Construction</th>
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- 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 4.8 mm)

### Fuel Tank

- 150 gal (568 L), dual fill

### Steering System

<table>
<thead>
<tr>
<th>TRW TAS-65</th>
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</table>
- Rating 12,000 lb (5448 kg)
- Ratio 20:4:1
- Wheel Cut** 50°

### Suspension

<table>
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<th>Air suspension (front and rear)</th>
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- Shock Absorber Tuned shocks, Sachs
- Heavy-Duty Stabilizer Bar Diam 1.50 in (38 mm) (front) I-beam axle only

### Tires

<table>
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<tr>
<th>XZE 275/80R 22.5 LRG</th>
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<tbody>
<tr>
<td>XZA2 275/80R 22.5 LRH</td>
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### Wheels

- Four aluminum, two 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 with odometer • Tachometer • Engine Oil Pressure • Water Temperature • Voltmeter • Fuel Level • Dual Air Pressure |

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* For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 5/3/03, 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.

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