XC- Series Motorhome Chassis

FEATURE
- 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

2005 MODEL YEAR

35' Phaeton
by Tiffin
### 35’ Phaeton by Tiffin Custom Chassis Features

- 5 year, 100,000 mile coolant ***
- TranSynd Transmission Fluid
- 15.2 CFM air compressor (ISB) 13.2 CFM (C7)
- Fuel/water separator
- Farr Eco-air cleaner
- Air filter restriction indicator
- 750 watt in-block heater (ISB) 1000 watt (C7)
- Exhaust brake
- R-134A air conditioning compressor
- Electronic cruise control with high idle
- VIP steering wheel, 18 in (457 mm)
- Douglas tilt/telescoping steering column
- Suspended & adjustable pedal
- Push button shift control
- LCD Info center
- Neway air ride suspension/Sachs tuned shock absorbers
- Michelin XZA 2 275/80R 22.5 LRH
- Heater hose assembly to front of chassis
- Haldex PUReSt heated air dryer
- Automatic, heated moisture ejector
- Air suspension deflation system
- Day Time running lights
- Tow power connector
- Polished aluminum wheels with trim kit (Optional)

* 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 wheel cut.

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### XC-SERIES

<table>
<thead>
<tr>
<th>Engine</th>
<th>OPTIONAL</th>
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<tbody>
<tr>
<td>Peak Horsepower</td>
<td>Cummins ISB turbocharged, aftercooled</td>
</tr>
<tr>
<td>Peak Torque</td>
<td>5.9 L electronic diesel</td>
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<tr>
<td></td>
<td>300 Hp @ 2,500 rpm</td>
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<tr>
<td></td>
<td>660 lb•ft (895 N•m)</td>
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<td></td>
<td>30000MH six-speed automatic with lock up</td>
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</tbody>
</table>

### Transmission

<table>
<thead>
<tr>
<th>Gear Ratios:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allison 3000MH six-speed automatic with lock up</td>
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<tr>
<td>First: 2nd: 3rd: 4th: 5th: 6th: Rev:</td>
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<tr>
<td>3.49:1 1.86:1 1.41:1 1.00:1 .75:1 .65:1 5.03:1</td>
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</tbody>
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### Vehicle Weight Ratings

| Front GAWR | 12,000 lb (5448 kg) |
| Rear GAWR | 19,000 lb (8626 kg) |
| GVWR | 31,000 lb (14 074 kg) |
| GCWR | 41,000 lb (18 614 kg) |

### Wheelbase

- 208 in (5283 mm)

### Front Axle

- Capacity 12,000 lb (5448 kg)
- Track Width 81.9 in (2080 mm)

### Rear Axle

- Drive Ratio 4.78:1
- Capacity 19,000 lb (8626 kg)
- Track Width 72.1 in (1830 mm)

### Brakes

- Full air brakes with auto slack adjusters and ABS
- Front 15 x 4 in (front) and 16.5 x 7 in (rear) drum-style S-cam
- Rear 16.5 x 7 in (rear axle) drum-style S-cam (rear axle)
- Push-pull lever controlled

### Cooling System

- Radiator Core 2 rows, 15 FPI, 1050 in 2 (6775 cm2 ) area
- Radiator Type Cross-flow, rear mounted
- Charge Air Cooler Cross-flow
- Transmission Oil Cooler Remote mounted water-to-oil
- Fan Belt driven

### Electrical System

- Alternator Leece-Neville 160 amp
- Starting Denso12 volt
- Battery 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 9.00 x 2.75 x .25 in (229 x 70 x 4.8 mm)

### Fuel Tank

- 100 gal (379 L), dual fuel fill

### Steering System

- TRW TAS 65, integral hydraulic power gear
- Rating 12,000 lb (5448 kg)
- Ratio 20.4:1
- Pump Gear-driven
- Wheel Cut** 50°

### Suspension

- Neway air suspension (front and rear)
- Shock Absorber Tuned shocks, Sachs
- Heavy-Duty Stabilizer Bar Diam 1.50 in (38 mm) (front)

### Tires

- Six Michelin XZA 2 275/80R 22.5 LRH

### Wheels

- Steel 22.5 x 8.25 in (572 x 210mm)
- 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