### 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” 50,000 PSI Frame Rail</td>
<td>Solid Foundation</td>
</tr>
<tr>
<td>50 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>

2005 MODEL YEAR

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### 38' & 40' Phaetton

by Tiffin
### 38' & 40' Phaeton by Tiffin Custom Chassis Features

- 5 year, 100,000 mile coolant ***
- TranSynd Transmission Fluid
- 13.2 CFM air compressor
- Fuel/water separator
- Farr Eco-air cleaner
- Air filter restriction indicator
- 1000 watt in-block engine heater
- 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 pedals
- Push button shift control
- LCD Info center
- Neway air ride suspension/Sachs tuned shock absorbers
- Michelin XZA 2 275/80R 22.5 LRG
- Heater hose assembly to front of chassis
- Haldex PURest heated air dryer
- Automatic, heated moisture ejector
- Air suspension deflation system
- Tow power connector
- Day Time running lights
- ACCU-SHIELD 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.
  *** Some maintenance required

### Engine
- Caterpillar C7 turbocharged, aftercooled
- Peak Hp: 350 Hp @ 2,400 rpm
- Peak Torque: 860 lb•ft (1166 N•m) @ 1,440 rpm

### Transmission
- Gear Ratios:
  - 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
  - Allison 3000MH six-speed automatic with lock up

### 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
- Front Axle
  - Capacity: 12,000 lb (5448 kg)
  - Track Width: 81.9 in (2080 mm)
- Rear Axle
  - Drive Ratio: 4.78:1
  - Capacity: 20,000 lb (9080 kg)
  - Track Width: 72.1 in (1830 mm)

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

### Cooling System
- Radiator Core: 2 rows, 15 FPI, 1050 in² (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: Denso 12 volt
- Battery: Two 760 CCA @ 0°F (-18°C); maintenance-free

### Frame
- Raised Frame Rail Construction
- 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
- Michelin XZA 2
  - 275/80R 22.5 LRG

### Wheels
- Steel 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