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

36' & 38' Allegro Bus by Tiffin
### Features

- **Engine**
  - Caterpillar 3126E turbocharged, aftercooled, 7.2 L electronic diesel
  - Peak HP @ 2,400 rpm
  - Peak Torque @ 1,440 rpm

- **Transmission**
  - Allison 3000M H 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: 10,410 lb (4726 kg)
  - Rear GAWR: 19,000 lb (8626 kg)
  - GVWR: 29,410 lb (13,352 kg)
  - GCWR*: 39,410 lb (17,892 kg)

- **Wheelbase**
  - 228 in (5790 mm)

- **Front Axle**
  - Capacity: 10,500 lb (4760 kg)
  - Track Width: 81.9 in (2080 mm)

- **Rear Axle**
  - Drive Ratio: 4.63:1
  - Capacity: 19,000 lb (8626 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 Push-pull lever controlled

- **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**
  - Delco 130 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: 1.50 in (38 mm) (front)

- **Tires**
  - Six Michelin XRV 255/80R 22.5 LRG

- **Wheels**
  - Four aluminum two steel 22.5 x 7.5 in (522 x 191 mm) with 10 bolt lugs
  - 11.25 in (285.25 mm) diameter bolt center

- **Instrumentation**
  - Gauges: Speedometer with odometer • Tachometer • Engine Oil Pressure • Water Temperature • Voltmeter • Fuel Level • Dual Air Pressure