XC- Series Motorhome Chassis

FEATURE                                BENEFIT

- 3 Year, 50,000 Mile Warranty ............................................ Best in The Industry
- 9" 50,000 PSI Frame Rail ................................................. Solid Foundation
- 50/56 Degree Wheel Cut ................................................... Excellent Maneuverability
- Over 350 Dealers ............................................................... Service Where You Need It

2005 MODEL YEAR

38' & 40' Allegro Bus
by Tiffin
### 38' & 40' Allegro Bus by Tiffin

**Custom Chassis Features**
- 5 year, 100,000 mile coolant ***
- TranSynd Transmission Fluid
- 18.7 CFM air compressor
- Fuel/water separator
- Farr Eco air cleaner
- Air filter restriction indicator
- 1,000 watt in-block engine heater
- Compression Brake by Jacobs (3,6)
- R-134A air conditioning compressor
- Electronic cruise control with high idle
- VIP Smart Wheel, 18 in (457mm)
- TRW infinitely adjustable tilt/telescoping steering column
- Suspended & adjustable pedals
- Push button shift control
- LCD Info center
- Air ride suspension with custom tuned Sachs shocks
- Michelin XZA 2 275/80R 22.5 LRH
- ACCU-SHIELD Polished aluminum wheels with trim kit
- 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

* 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

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### XC-SERIES

#### Engine
- Cummins ISL turbocharged, aftercooled, 8.9 L electronic diesel
- Peak Hp @ 2,000 rpm
- Peak Torque @ 1,300 rpm

#### Transmission
- Gear Ratios:
  - Allison 3000MH six-speed automatic with lock up
  - First: 1.86:1  Second: 1.41:1  Third: 1.00:1  Fourth: .75:1  Fifth: .65:1  Sixth: .50:1

#### Vehicle Weight Ratings
- Front GAWR
  - 12,000 lb (5448 kg)
  - 20,000 lb (9080 kg)
- Rear GAWR
  - 32,000 lb (14 528 kg)
  - 42,000 lb (19 068 kg)
- GVWR
  - 14,600 lb (6628 kg)
- GCWR *
  - 20,000 lb (9080 kg)

#### Wheelbase
- 262 in (6656 mm)

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

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

#### 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
- Radiator Core
  - 2 rows, 14 FPI 1,050 in² (6775 cm²) area
- 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
  - Delco 41MT, 12 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 6.4 mm)

#### Fuel Tank
- 150 gal (568 L), dual fuel fill

#### Steering System
- TRW TAS-65
- Rating
  - 12,000 lb (5448 kg)
- Ratio
  - 20.4:1
- Wheel Cut**
  - 50°

#### Suspension
- Air suspension (front and rear)
- Shock Absorber
  - Tuned shocks, Sachs
- Heavy-Duty Stabilizer Bar Diam
  - 1.50 in (38 mm) (front) 1-beam axle only

#### Tires
- XZA 2 275/80R 22.5 LRH

#### Wheels
- 4 aluminum, 2 steel 22.5 x 8.25 in (572x210mm) 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