XC- Series Motorhome Chassis

FEATURE
- 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

### XC-SERIES

#### Engine
- Peak Hp
- Peak Torque
- Cummins ISL turbocharged, aftercooled, 8.9 L electronic diesel
- 400 Hp @ 2,000 rpm
- 1200 lb•ft (1627 N•m) @ 1,300 rpm

#### Transmission
- Gear Ratios:
- Allison 3000MH six-speed automatic with lock up
- First: 2.09:1
- Second: 1.04:1
- Third: 1.00:1
- Fourth: 0.78:1
- Fifth: 0.69:1
- Sixth: 0.58:1
- Rev: 1.16:1

#### Vehicle Weight Ratings
- Front GAWR
- Rear GAWR
- GVWR
- GCWR *
- 12,000 lb (5448 kg)
- 20,000 lb (9080 kg)
- 32,000 lb (14 528 kg)
- 42,000 lb (19 068 kg)
- 14,600 lb (6628 kg)
- 20,000 lb (9080 kg)
- 34,600 lb (15 708 kg)
- 44,400 lb (20 248 kg)

#### Wheelbase
- 262in (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
- 17 in. Discs
- 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 in 2 (6775 cm 2) 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 760CCA @ 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
- Rating
- TRW TAS-65
- Ratio
- 12,000 lb (5448 kg)
- 20.4:1
- Wheel Cut**
- 50°
- ZF - 8016
- 14,600 lb (6628 kg)
- 19.3:1 to 22.7:1
- 56°

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

#### 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
  - Tachometer
  - Engine Oil Pressure
  - Water Temperature
  - Voltmeter
  - Fuel Level
  - Dual Air Pressure

---

For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 3/04/04, 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.