XCR- Series Motorhome Chassis

FEATURE

- 3 Year, 50,000 Mile Warranty ............................................ Best in The Industry
- 50,000 PSI Frame Rail ...................................................... Solid Foundation
- 60 Degree Wheel Cut ........................................................ Excellent Maneuverability
- 400 Dealers ........................................................................ Service Where You Need It

2007 MODEL YEAR

40' Allegro Bus
by Tiffin
### 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
- Driver message center with integral LCD display
- Air ride suspension with custom tuned Sachs shocks
- 275/80R 22.5 LRH
- 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

### XCR-SERIES

| Engine | Cummins ISL turbocharged, aftercooled, 8.9 L electronic diesel 
Peak Hp | 400 Hp @ 2,200 rpm 
Peak Torque | 1200 lb•ft (1627 N•m) @ 1,300 rpm
| Transmission | Allison 3000MH 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 14,320 lb (6501 kg) 
Rear GAWR 20,000 lb (9080 kg) 
GVWR 34,320 lb (15 581 kg) 
GCWR * 44,320 lb (20 121 kg)
| Wheelbase | 276 in (7010 mm)
| Front Axle | ZF - RL67EM IFS 
Capacity | 14,600 lb (6628 kg) 
Track Width | 84.3 in (2141 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 | 17 in. Discs 
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 1,000 in ²(6452 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 170 amp 
Starting | Delco 41MT, 12 volt 
Battery | Two 760 CCA @ 0°F (-18°C), maintenance-free
| Frame | Raised Frame Rail Construction 
Max Resist. Bending Moment | 291,000 lbf•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 | ZF - 8016 
Rating | 14,600 lb (6628 kg) 
Ratio | 19.3:1 to 22.7:1 
Wheel Cut** | 60°
| Suspension | Air suspension (front and rear) 
Shock Absorber | Tuned shocks, Sachs 
Heavy-Duty Stabilizer Bar Diam | 1.50 in (38 mm) (front) I-beam axle only
| Tires | 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