

2008 Tiffin Zephyr



Spartan Chassis, Inc.

Proudly Presents the K2 Chassis Custom Built for:



Tiffin Motorhomes, Inc.



~ 2008 Zephyr ~

PREMIUM CHASSIS FEATURES:

- **New Cummins 10.8 liter 500HP ISM Electronic Diesel Engine**
- 2 Stage Engine Compression Brake
- 14.6 IFS w/55 degrees of wheel cut
- **Hadley SLS – Automatic Electronic Air Leveling System**
- Electronic Adjustable Foot Pedals
- VIP “Smart-Wheel”
- Automatic Moisture Ejectors with Color Coded Lanyards
- 270amp Alternator
- 15,000 lb. Capacity Tow Hitch w/ Electrical Connector
- 3yr/50,000 Mile Warranty
 - No Deductible
 - 24/7 Roadside Assistance

Chassis Weight Ratings:

- GVWR 44,600 lb.
- Front GAWR 14,600 lb.
- Rear GAWR 20,000 lb.
- Tag Axle 10,000 lb.
- GCWR 59,600 lb.

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Spartan Motors, Inc. reserves the right to change the above specifications without notifications. Revision: 5/2007

Engine

- Engine:
- Peak Horsepower:
- Peak Torque:

- Cummins ISM, fully electronic, 10.8L diesel w/ “VG” turbocharger & cooled ERG
- 500 hp @ 1,900-2,000 rpm
- 1550 lb.-ft. @ 1,300 rpm

Transmission

- Transmission:
- Gear Ratios:

- Allison MH-4000 electronic six speed w/two overdrives, push button control
- $\frac{1^{st}}{3.51}$ $\frac{2^{nd}}{1.91}$ $\frac{3^{rd}}{1.43}$ $\frac{4^{th}}{1.00}$ $\frac{5^{th}}{0.74}$ $\frac{6^{th}}{0.64}$ $\frac{Rev.}{-4.80}$

Wheel Base

- Wheel Base:
- Font Over Hang:
- Rear Over Hang:

- 316 Inch (283” from frt. axle to drive axle)
- 72.63 Inch
- 128.25 Inch

Front Axle

- Front Axle:
- Capacity:
- Track

- Tuthill IFS1460 Independent Front Suspension
- 14,600 lb.
- 85.10” track width w/ oil bath

Rear Axle

- Drive Axle:
- Ratio:
- Tag Axle:

- Meritor RC-23-161 w/73.40” track width, oil bath bearings and hub piloted wheel ends.
- 4.30:1 “Quiet-Gear” for RV’s
- Hendrickson 10,000 lb.

Brakes

- Front and Rear Service:
- Engine Brake:
- ABS Brakes:

- Full air brakes w/automatic slack adjusters 16.5” x 5.0” front, & 16.5” x 7.0” rear
- 2 Stage “JAKE” engine compression brake
- WABCO 4M/4S ABS system

Cooling System

- Side mounted radiator:

- 1,644 in² AKG parallel airflow system with low profile radiator, charge air cooler, and integrated A/C condenser utilizing a modulated belt driven cooling fan.

Electrical System

- Alternator:
- Batteries:

- 270 amp. Leece-Neville alternator
- (2) Harris 950 cca batteries

Frame

- Front Drop:
- Center Rail:
- Rear Drop:

- 10.25” x 3.50” x .38”
- 8.25” x 3.50” x .38”
- 9.00” x 2.75” x .38”

Fuel Tank

- Tank Capacity:

- 150 gal, dual fill w/ side mounted sending unit

Steering System

- Steering Gear:
- Steering Wheel:
- Steering Cramp Angle:
- Steering Column:

- ZF-8098
- VIP wood grain leather wrapped “Smart-Wheel”
- 55 degree
- Douglas tilt & telescoping

Suspension

- Suspension:
- Shock Absorber:

- Reyco 240AR Suspension w/ electronic air dump
- Bilstein gas-pressurized hydraulic shocks

Tires

- Tires:

- 295/80R22.5 XZA2 Michelin Tires

Wheels

- Wheels:

- (6) Accuride Aluminum & (2) Steel wheels