



Spartan Chassis, Inc.

1165 Reynolds Rd
Charlotte, Michigan 48813
(517) 543-6400 Fax (517) 543-7728

Proudly Presents the K2 Chassis Custom Built for:



~ 2007 Zephyr ~



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

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.

* Includes 24/7 “Roadside Companion” program for duration of Warranty.

Spartan Motors, Inc. reserves the right to change the above specifications without notifications.

Revision: 5.3.06

<p><u>Engine</u></p> <ul style="list-style-type: none"> • Engine: • Peak Horsepower: • Peak Torque: 	<ul style="list-style-type: none"> • 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
<p><u>Transmission</u></p> <ul style="list-style-type: none"> • Transmission: • Gear Ratios: 	<ul style="list-style-type: none"> • Allison MH-4000 electronic six speed w/two overdrives, push button control • <u>1st</u> <u>2nd</u> <u>3rd</u> <u>4th</u> <u>5th</u> <u>6th</u> <u>Rev.</u> 3.51 1.91 1.43 1.00 0.74 0.64 -4.80
<p><u>Wheel Base</u></p> <ul style="list-style-type: none"> • Wheel Base: • Font Over Hang: • Rear Over Hang: 	<ul style="list-style-type: none"> • 316 Inch (283” from frt. axle to drive axle) • 72.63 Inch • 128.25 Inch
<p><u>Front Axle</u></p> <ul style="list-style-type: none"> • Front Axle: • Capacity: • Track 	<ul style="list-style-type: none"> • Tuthill IFS1460 Independent Front Suspension • 14,600 lb. • 85.10” track width w/ oil bath
<p><u>Rear Axle</u></p> <ul style="list-style-type: none"> • Drive Axle: • Ratio: • Tag Axle: 	<ul style="list-style-type: none"> • 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 • 10,000 lb. maximum capacity
<p><u>Brakes</u></p> <ul style="list-style-type: none"> • Front and Rear Service: • Engine Brake: • ABS Brakes: 	<ul style="list-style-type: none"> • 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
<p><u>Cooling System</u></p> <ul style="list-style-type: none"> • Side mounted radiator: 	<ul style="list-style-type: none"> • 1,478 in² AKG parallel airflow system with low profile radiator, charge air cooler, and integrated A/C condenser utilizing a modulated belt driven cooling fan.
<p><u>Electrical System</u></p> <ul style="list-style-type: none"> • Alternator: • Batteries: 	<ul style="list-style-type: none"> • 270 amp. Leece-Neville alternator • (2) Harris 950 cca batteries
<p><u>Frame</u></p> <ul style="list-style-type: none"> • Front Drop: • Center Rail: • Rear Drop: 	<ul style="list-style-type: none"> • 10.25” x 3.50” x .38” • 8.25” x 3.50” x .38” • 9.00” x 2.75” x .38”
<p><u>Fuel Tank</u></p> <ul style="list-style-type: none"> • Tank Capacity: 	<ul style="list-style-type: none"> • 150 gal, dual fill w/ side mounted sending unit
<p><u>Steering System</u></p> <ul style="list-style-type: none"> • Steering Gear: • Steering Wheel: • Steering Cramp Angle: • Steering Column: 	<ul style="list-style-type: none"> • ZF-8098 • VIP wood grain leather wrapped “Smart-Wheel” • 55 degree • Douglas tilt & telescoping
<p><u>Suspension</u></p> <ul style="list-style-type: none"> • Suspension: • Shock Absorber: 	<ul style="list-style-type: none"> • Reyco 240AR Suspension w/ electronic air dump • Bilstein gas-pressurized hydraulic shocks
<p><u>Tires</u></p> <ul style="list-style-type: none"> • Tires: 	<ul style="list-style-type: none"> • 295/80R22.5 XZA2 Michelin Tires
<p><u>Wheels</u></p> <ul style="list-style-type: none"> • Wheels: 	<ul style="list-style-type: none"> • (6) Accuride Aluminum & (2) Steel wheels