XC- Series Motorhome Chassis

FEATURE

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

2002 MODEL YEAR

Empress

by Triple E
Empress by Triple E
Custom Chassis
Features

- 13.2 CFM air compressor
- 70 in (1778 mm) front overhang
- Farr Eco-air cleaner
- Air filter restriction indicator
- Neway air ride suspension/tuned
  Bilstein shock absorbers
- Douglas tilt/telescoping steering
column
- Fuel/water separator
- Michelin XRV255/80R 22.5, LRG tires
- Heater hose assembly to front of
  chassis
- 1000 watt in-block engine heater
- Electronic cruise control with high idle
- Midland PureAir Plus heated air dryer
- Push button shift control
- R-134A air conditioning
  compressor
- VIP leather wrapped smart wheel, 18 in
  (457 mm)
- Alternator 160 amp
- Exhaust brake
- Aluminum wheels

* Towing capacity limited by towing components and their attachment to the frame.
** Tire size may affect wheel cut.

For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 5/04/01, 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 1-800-478-9805.

FCC-XC0501-002

XC-SERIES

Engine
Peak Hp
Peak Torque
Caterpillar 3126E turbocharged, aftercooled
7.2 L electronic diesel
330 Hp @ 2,200 rpm
860 lb•ft (1166N•m) @ 1,400 rpm

Transmission
Gear Ratios:
Allison 3000MH six-speed automatic with lock up
First, Second, Third, Fourth, Fifth, Sixth, Rev.
3.49:1, 1.86:1, 1.41:1, 1.00:1, 75:1, 65:1, 5.03:1

Vehicle Weight Ratings
Front GAWR
Rear GAWR
GVWR
GCWR *
10,410 lb (4726 kg)
19,000 lb (8726 kg)
29,410 lb (13 354 kg)
39,410 lb (17 892 kg)

Wheelbase
242 in (6147 mm)

Front Axle
Capacity
Track Width
M eritor FD-965 I-Beam
10,500 lb (4762 kg)
81.9 in (2080 mm)

Rear Axle
Drive Ratio
Capacity
Track Width
M eritor RS-17-145
4.63:1
19,000 lb (8626 kg)
72.1 in (1830 mm)

Brakes
Front and Rear Service
Parking
Full air brakes with auto slack adjusters and ABS
15 x 4 in (front) and 16.5 x 7 in (rear) drum-style S-cam
Spring-applied air release 16.5 x 7 in
drum-style (rear axle)
Push-pull lever controlled

Cooling System
Radiator Core
Radiator Type
Charge Air Cooler
Transmission Oil Cooler
Fan
2 rows, 15 FPI, 1050 in² (6775 cm²)
Cross-flow, rear mounted
Remote mounted water-to-oil

Electrical System
Alternator
Starting
Battery
Leece-Neville 160 amp
Delco 37MT, 12 volt
Two 760 CCA @ 0°F (-18°C); maintenance-free

Frame
Max Resist. Bending Moment
Max Frame Section
291,000 lbs•in (32 892 N•m)
9.00 x 2.75 x .25 in (229 x 70 x 6.4 mm)

Fuel Tank
100 gal (341 L), dual fuel fill

Steering System
Rating
Ratio
Pump
Wheel Cut**
TRW TAS 65, integral hydraulic power gear
20.4:1
50°

Suspension
Shock Absorber
Heavy-Duty Stabilizer Bar Dia.
Neway air suspension (front and rear)
Tuned shocks, Bilstein
1.50 in (38 mm) (front)

Tires
Six Michelin XRV 255/80R 22.5 LRG

Wheels
Four aluminum two Steel 22.5 x 7.5 in (522 x 191 mm)
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

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