XC- Series Motorhome Chassis

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### TROPI-CAL by National RV
#### Custom Chassis Features
- 5 year, 100,000 mile coolant ***
- TranSynd Transmission Fluid
- 13.2 CFM air compressor
- Fuel/water separator
- Farr Eco-air cleaner
- Air filter restriction indicator
- 1000 watt in-block engine heater
- Engine braking: Exhaust brake
- R-134A air conditioning system
- Electronic cruise control with high idle
- VIP 18” steering wheel
- Douglas tilt/telescoping steering column
- Push button shift control
- LCD Info center
- Neway air ride suspension/tuned Sachs shock absorbers
- Goodyear G670 RV 255/70R 22.5, LRG
- 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

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### XC-SERIES
#### Engine
- Caterpillar C7 turbocharged, aftercooled 7.2 L electronic diesel
  - 300 Hp @ 2,400 rpm
  - 350 Hp @ 2,400 rpm
  - 860 lb•ft (1166 N•m) @ 1,440 rpm

##### Transmission
- Allison 3000 MH six-speed automatic with lock up
  - First: 1.86:1
  - Second: 1.41:1
  - Third: 1.00:1
  - Fourth: .75:1
  - Fifth: .65:1
  - Sixth: .50:1

#### Vehicle Weight Ratings
- Front GAWR: 10,500 lb (4767 kg)
- Rear GAWR: 17,500 lb (7945 kg)
- GVWR: 28,000 lb (12 710 kg)
- GCWR *: 38,000 lb (17 252 kg)

#### Wheelbase
- 208in (5283mm)
- 228in (5791mm)
- 252 in (6401mm)

#### Front Axle
- Capacity: 10,500 lb (4762 kg)
- Track Width: 82.36 in (2092 mm)

#### Rear Axle
- Drive Ratio: 4.78:1
- Capacity: 17,500 lb (7945 kg)
- Track Width: 72.1 in (1830 mm)

#### Brakes
- Full air brakes with auto slack adjusters and ABS
- Front and Rear Service: 15 x 4 in (front) and 16.5 x 7 in (rear) drum-style S-cam
- Parking: 16.5 x 7 in drum-style S-cam (rear axle)
- Push-pull button controlled automatic park brake

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

#### Electrical System
- Alternator: Leece-Neville 160 amp
- Starting: Denso, 12 volt
- Battery: Two 760 CCA @ 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 4.8 mm)

#### Fuel Tank
- 100 gal (379 L), right fuel fill

#### Steering System
- TRW TPH 60, integral hydraulic power gear 12,000 lb (5448 kg)
- Ratio: 20.4:1
- Gear-driven
- Wheel Cut**: 55°

#### Suspension
- Neway air suspension (front and rear)
- Shock Absorber: Tuned shocks, Sachs
- Heavy-Duty Stabilizer Bar Diam: 1.50 in (38 mm) (front)

#### Tires
- Goodyear G670 RV 255/70R 22.5, LRG

#### Wheels
- Steel 22.5 x 8.25 in (572 x 210 mm)
- 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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For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 9/1/05, 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.