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

2003 MODEL YEAR

Dutch Star
by Newmar
### Engine
- **XC-SERIES**
- Caterpillar 3126E turbocharged, aftercooled, 7.2 L electronic diesel
- Peak Hp: 330 @ 2,400 rpm
- Peak Torque: 860 lb•ft (1166 N•m) @ 1,400 rpm

### Transmission
- **Gear Ratios:**
  - First: 3.49:1
  - Second: 1.86:1
  - Third: 1.41:1
  - Fourth: 1.00:1
  - Fifth: .75:1
  - Sixth: .65:1
  - Reverse: 5.03:1

### Vehicle Weight Ratings
- **Front GAWR:** 12,000 lb (5448 kg)
- **Rear GAWR:** 19,000 lb (8626 kg)
- **GVWR:** 31,000 lb (14,074 kg)
- **GCWR:** 41,000 lb (18,614 kg)

### Wheelbase
- Front: 252 in (6401 mm)
- Rear: 276 in (7010 mm)

### Front Axle
- **Capacity:** 12,000 lb (5448 kg)
- **Track Width:** 81.9 in (2080 mm)

### Rear Axle
- **Drive Ratio:** 4.63:1
- **Capacity:** 19,000 lb (8626 kg)
- **Track Width:** 72.1 in (1830 mm)

### Brakes
- **Full air brakes with auto slack adjusters and ABS**
- **Front:** 15x4 in (front) and 16.5x7 in (rear) drum-style S-cam
- **Rear:** Spring-applied, air release 16.5x7 in drum-style (rear axle)
- **Push-pull lever controlled automatic park brake**

### Cooling System
- **Radiator Core:** 910 in\(^2\) (5871 mm\(^2\))
- **Radiator Type:** Cross-flow, side mounted
- **Charge Air Cooler:** Cross-flow, core size 729 in\(^2\)
- **Transmission Oil Cooler:** Remote mounted water-to-oil
- **Fan:** Variable speed, hydraulic

### Electrical System
- **Alternator:** Leece-Neville 160 amp
- **Starting Battery:** Denso, 12 volt
- **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 6.4 mm)

### Fuel Tank
- Front: 100 gal (378 L), dual fill
- Rear: 150 gal (568 L), dual fill

### Steering System
- **Rating:** TRW TAS 65, integral hydraulic power gear
- **Ratio:** 12,000 lb (5448 kg)
- **Pump:** Gear-driven
- **Wheel Cut:** 50°

### Suspension
- **Shock Absorber:** N-eway air suspension
- **Heavy-Duty Stabilizer Bar Diams:** Custom tuned shocks 1.50 in (38 mm) (front)

### Tires
- **Michelin XZA1 275/70R 22.5, LRH**

### Wheels
- **Steel 22.5x8.25 in (572x210 mm)** with 10bolt 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