XC- Series Motorhome Chassis

FEATURE		BENEFIT
■ 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

Ultra Sport
by Damon
Ultra Sport by Damon
Custom Chassis
Features

- 15.2 CFM air compressor (ISB)
- 13.2 CFM (3126E)
- 70 in (1778 mm) front overhang
- Farr Eco-air cleaner
- Air filter restriction indicator
- N e way air ride suspension/Sachs tuned shock absorbers
- D ouglas tilt/telescoping steering column
- M ichelin XRV tires
- Fuel/water separator
- H eater hose assembly to front of chassis
- 750 watt in-block engine heater (ISB)
- 1000 watt (3126E)
- Electronic cruise control with high idle
- M idland PureAir Plus heated air dryer
- Push button shift control
- R-134A air conditioning compressor
- VIP steering wheel, 18 in (457 mm)
- L eece-N eville 160 amp alternator
- Exhaust brake

*Towing capacity limited by towing components and their attachment to the frame.

** Tire size may affect wheel cut.

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**For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 7/30/02, 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.**

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### Engine

<table>
<thead>
<tr>
<th>Peak Horsepower</th>
<th>Peak Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISB 300Hp @ 2,500 rpm</td>
<td>660 lb•ft (895 N•m)</td>
</tr>
<tr>
<td>3126E 330Hp @ 2,400 rpm</td>
<td>860 lb•ft (1166 N•m)</td>
</tr>
</tbody>
</table>

### Transmission

<table>
<thead>
<tr>
<th>Gear Ratios:</th>
</tr>
</thead>
<tbody>
<tr>
<td>First: 4.91:1</td>
</tr>
<tr>
<td>Second: 1.86:1</td>
</tr>
<tr>
<td>Third: 1.41:1</td>
</tr>
<tr>
<td>Fourth: 1.00:1</td>
</tr>
<tr>
<td>Fifth: 0.75:1</td>
</tr>
<tr>
<td>Sixth: 0.65:1</td>
</tr>
<tr>
<td>Rev: 5.03:1</td>
</tr>
</tbody>
</table>

### Vehicle Weight Ratings

<table>
<thead>
<tr>
<th>Front GAWR</th>
<th>Rear GAWR</th>
<th>GVWR</th>
<th>GCWR</th>
</tr>
</thead>
<tbody>
<tr>
<td>9,350 lb (4245 kg)</td>
<td>10,410 lb (4726 kg)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17,500 lb (7945 kg)</td>
<td>17,500 lb (7945 kg)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26,850 lb (12 190 kg)</td>
<td>27,910 lb (12 671 kg)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>38,650 lb (17 211 kg)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Wheelbase

<table>
<thead>
<tr>
<th>Front Axle</th>
<th>Rear Axle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>Track Width</td>
</tr>
<tr>
<td>10,500 lb (4762 kg)</td>
<td>81.9 in (2080 mm)</td>
</tr>
<tr>
<td>17,500 lb (7945 kg)</td>
<td>72.1 in (1830 mm)</td>
</tr>
</tbody>
</table>

### Brakes

<table>
<thead>
<tr>
<th>Front and Rear Service</th>
<th>Parking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full air brakes with auto slack adjusters and ABS</td>
<td>Spring applied air release</td>
</tr>
<tr>
<td>15 x 4 in (front)</td>
<td>16.5 x 7 in (rear)</td>
</tr>
<tr>
<td>16.5 x 7 in (rear axle)</td>
<td></td>
</tr>
</tbody>
</table>

### Cooling System

<table>
<thead>
<tr>
<th>Radiator Core</th>
<th>Radiator Type</th>
<th>Charge Air Cooler</th>
<th>Transmission Oil Cooler</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 rows, 15 FPI, 1050 in² (6775 cm²) area</td>
<td>Cross-flow, rear mounted</td>
<td>Remote mounted water-to-oil</td>
<td></td>
</tr>
<tr>
<td>Cross-flow</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Electrical System

<table>
<thead>
<tr>
<th>Alternator</th>
<th>Starting Battery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leece-Neville 160 amp</td>
<td>Two 760 CCA @ 0°F (-18°C); maintenance-free</td>
</tr>
</tbody>
</table>

### Frame

<table>
<thead>
<tr>
<th>Max Resisting Bending Moment</th>
<th>Max Frame Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>291,000 lb•in (32 892 N•m)</td>
<td>9.00 x 2.75 x 0.25 in (229 x 70 x 4.8 mm)</td>
</tr>
</tbody>
</table>

### Fuel Tank

<table>
<thead>
<tr>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 gal (341 L), dual fuel fill</td>
</tr>
</tbody>
</table>

### Steering System

<table>
<thead>
<tr>
<th>Rating</th>
<th>Ratio</th>
<th>Pump</th>
<th>Wheel cut **</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRW TAS 65, integral hydraulic power gear</td>
<td>20.4:1</td>
<td>Gear-driven</td>
<td>50°</td>
</tr>
</tbody>
</table>

### Suspension

<table>
<thead>
<tr>
<th>Shock Absorber</th>
<th>Heavy-Duty Stabilizer Bar Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>N e way air suspension (front and rear)</td>
<td>1.50 in (38 mm) (front)</td>
</tr>
</tbody>
</table>

### Tires

<table>
<thead>
<tr>
<th>XRV 235/80R22.5, LRG</th>
<th>XRV 255/80R22.5, LRG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel 22.5 x 7.5 in (522 x 191 mm)</td>
<td>Steel 22.5 x 7.5 in (522 x 191 mm)</td>
</tr>
</tbody>
</table>

### Wheels

<table>
<thead>
<tr>
<th>Instrumentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speedometer with odometer</td>
</tr>
<tr>
<td>Engine Oil Pressure</td>
</tr>
<tr>
<td>Voltmeter</td>
</tr>
<tr>
<td>Dual Air Pressure Gauges</td>
</tr>
</tbody>
</table>