# 2010 Model Year

**XCR-Series Tag Axle Motorhome Chassis**

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>BENEFIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-Year, 50,000-Mile Warranty</td>
<td>Best in The Industry</td>
</tr>
<tr>
<td>50,000 PSI Frame Rail</td>
<td>Solid Foundation</td>
</tr>
<tr>
<td>60-Degree Wheel Cut</td>
<td>Excellent Maneuverability</td>
</tr>
<tr>
<td>400 Dealers</td>
<td>Service Where You Need It</td>
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</tbody>
</table>

*Driven By You*
**Custom Chassis Features**
- 5-year, 100,000-mile coolant ***
- TranSynd transmission fluid
- Lowered engine
- 18.7 CFM air compressor
- Fuel/water separator
- Farr Eco air cleaner
- Air filter restriction indicator
- 1,000-watt in-block engine heater
- Engine braking: compression brake by Jacobs (3,6)
- R-134A air conditioning compressor
- Electronic cruise control with high idle
- VIP Smart Wheel, 18 in (457 mm)
- TRW infinitely adjustable tilt/telescoping steering column
- Suspended & adjustable pedals
- Push button shift control
- Driver message center with integral LCD display
- 5” gauge package
- Air ride suspension with custom tuned Sachs shocks
- Michelin 295/80R 22.5 LRH
- Polished aluminum wheels with trim kit
- Heater hose assembly to front of chassis
- Bendix AD-9 heated air dryer
- Automatic, heated moisture ejector
- Air suspension deflation system
- Daytime running lights
- Tow power connector

* Towing capacity limited by towing components and their attachment to the frame. See operator’s manual for braking requirements on towed vehicles

***Some maintenance required

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### XCR-SERIES TAG AXLE

#### Engine
- Cummins ISL turbocharged, aftercooled
- 8.9 L electronic diesel
- 425 HP @ 2,200 rpm
- 1200 lb•ft (1627 Nm) @ 1,300 rpm

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

#### Vehicle Weight Ratings
- Front GAWR: 14,600 lb (6628 kg)
- Rear GAWR: 20,000 lb (9080 kg)
- Tag GAWR: 10,000 lb (4540 kg)
- GVWR: 44,600 lb (20,248 kg)
- GCWR: 54,600 lb (24,788 kg)

#### Wheelbase
- 276 in (7010 mm)
- 294 in (8643 mm)

#### Front Axle
- ZF - RL67EM IFS
- Capacity: 14,600 lb (6628 kg)
- Track Width: 84.3 in (2141 mm)

#### Rear Axle
- Meritor RS-21-145
- Drive Ratio: 4.63:1
- Capacity: 21,000 lb (9534 kg)
- Track Width: 72.1 in (1831 mm)

#### Tag Axle
- Ingersol-IMT F12 drop center
- Capacity: 10,000 lb (4540 kg)
- Track Width: 85 in (2159 mm)

#### Brakes
- Full air brakes with ABS
- Front Service: 17 in dia. air disc
- Rear/Tag Service: 16.5 x 7 in drum-style s-cam
- Parking: 16.5 x 7 in drum-style s-cam
- Spring-applied air release

#### Cooling System
- Radiator Core: 2 rows, 14 FPI 1,260 in2 (8129 cm2) area
- Radiator Type: Cross-flow, side-mounted
- Charge Air Cooler: Cross-flow, side-mounted
- Transmission Oil Cooler: Water-to-oil
- Fan: Variable speed, hydraulic

#### Electrical System
- Alternator: Delco Remy 160 amp
- Starting: Delco 41MT, 12 volt
- Battery: Two 950 CCA @ 0°F (-18°C); maintenance-free

#### Frame
- Raised frame rail with lowered rear section
- Max Resist. Bending Moment: 406,200 lb•in (45 900 N•m)
- Max Frame Section: 9.00 x 2.75 x .25 in (229 x 70 x 6.4 mm)

#### Fuel Tank
- 150 gal (568 L), dual fuel fill

#### Steering System
- ZF - 8018
- Ratio: 14.600 lb (6628 kg)
- Wheel Cut: 19.3:1 to 22.7:1
- 60°

#### Suspension
- ZF RF-67 EMIFS air suspension
- Neway AD 123 air suspension
- Neway NL 110 air suspension
- Tuned shocks, Sachs

#### Tires
- Michelin 295/80R 22.5 LRH

#### Wheels
- 8 aluminum, 22.5 x 8.25 in (572x210mm) with 10 bolt lugs
- 11.25 in (285.75 mm) diameter bolt center

#### Instrumentation
- Gauges: speedometer • 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 11/01/09, 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.