



EMPRESS

2009 Model Year

XCP-Series Motorhome Chassis **Powerliner**

FEATURE

3-Year, 50,000-Mile Warranty
50,000 PSI Frame Rail
60-Degree Wheel Cut
400 Dealers

BENEFIT

Best in The Industry
Solid Foundation
Excellent Maneuverability
Service Where You Need It



Driven By You



EMPRESS

Custom Chassis Features

- 5-year, 100,000-mile coolant ***
- TranSynd transmission fluid
- 18.7 CFM air compressor
- Fuel/water separator
- Farr Eco air cleaner
- Air filter restriction indicator
- 1,500-watt in-block engine heater
- Engine braking: compression brake (3,6)
- Battery shut-off switch
- R-134A air conditioning compressor
- Heater hose assembly to front of chassis
- Electronic cruise control with high idle
- Leather-wrapped VIP *SmartWheel*, 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
- Michelin XZA2 295/80R22.5, LRH tires
- Polished aluminum wheels with trim kit
- Haldex PUrest 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 vehicle.

** Tire size may affect wheel cut.

***Some maintenance required

For reference only. For certified dimensions, consult Freightliner Custom Chassis Corporation. Specifications are as of 4/01/08, 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.



Driven By You

XCP-SERIES POWERLINER

Engine	Cummins M11 turbocharged, aftercooled 10.8 L electronic diesel
Peak HP	500 HP @ 2,100 rpm
Peak Torque	1550 lb•ft (2101 N•m) @ 1,200 rpm
Transmission	Allison 4000MH six-speed automatic with lockup
Gear Ratios	First Second Third Fourth Fifth Sixth Reverse 3.51:1 1.91:1 1.43:1 1.00:1 .74:1 .64:1 5.48:1
Vehicle Weight Ratings	
Front GAWR	14,600 lb (6628 kg)
Rear GAWR	20,000 lb (9080 kg)
Tag GAWR	13,000 lb (5902 kg)
GVWR	47,600 lb (21,610 kg)
GCWR *	57,600 lb (26,150 kg)
Wheelbase	266 in (6756 mm)
Front Axle	ZF IFS RL-67EM
Capacity	14,600 lb (6628 kg)
Track Width	85 in (2159 mm)
Rear Axle	AAC ARS-21-144
Drive Ratio	4.30:1
Capacity	21,000 lb (9534 kg)
Track Width	72.1 in (1840 mm)
Tag Axle	Ingersol-IMT F12 drop center
Capacity	13,000 lb (5902 kg)
Track Width	85 in (2159 mm)
Brakes	Full air brakes with ABS
Front Service	17 in dia. air disc
Rear/Tag Service	17 in dia. air disc
Parking	17 in dia. air disc (rear axle) Spring-applied air release
Cooling System	
Radiator Core	Low-profile, 1,550 in ² (10 001 cm ²)
Radiator Type	Down-flow, side-mounted
Charge Air Cooler	Cross-flow, heavy-duty
Transmission Oil Cooler	Remote mount, water-to-oil
Fan	Hydraulic driven, temperature controlled
Electrical System	
Alternator	Leece Neville, 170 amp
Starting	Delco 42MT, 12 volt
Battery	Two 950 CCA @ 0°F (-18°C); maintenance-free
Frame	Raised frame rail with lowered rear section
Max Resist. Bending Moment	592,582 lb•in (83 294 N•m) upper rail
Max Frame Section (Upper rail)	8.75" x 3.00" x .3125"
Max Resist. Bending Moment	428,200 lb•in (48 380 N•m) lower rail front
Max Frame Section (Lower rail)	11.375" x 3.00" x 0.375" lower rail front
Max Resist. Bending Moment	897,363 lb•in (101 384 N•m) lower rail rear
Max Frame Section (Lower rail)	13.00" x 3.00" x 0.375" lower rail rear
Fuel Tank	150 gal (568 L), dual fill,
Steering System	ZF 8018 integral hydraulic power gear
Rating	14,600 lb (6628 kg)
Ratio (variable)	19.3:1 to 22.7:1
Wheel Cut **	60°
Suspension	
Front	ZF RL-75 EM IFS air suspension
Rear	Neway AD 123 air suspension
Tag	Ingersol-IMT F12 drop center air suspension
Shock Absorber	Tuned shocks, Sachs
Tires	Michelin XZA2 295/80R 22.5, LRH
Wheels	6 aluminum, 2 steel 22.5 x 8.25 in (572 x 210mm) 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