

PENSKE

Dedication at every turn.

2012 Freightliner Cascadia-Premium with Cummins ISX15 2010 emission engine technology

72" Raised Roof Sleeper



photo is not representative of specs

The 2012 model year Cascadia 72" Raised Roof Sleeper Cab has been in the making for five years. With more than \$400 million invested, the result is Freightliner's most technologically advanced tractor to date. It's been wind tunnel tested to provide the most aerodynamic cab in the industry and is more spacious than the Columbia and Century class models. Besides the roomier feel, it has a more luxurious interior and a fit and finish you'll notice as soon as you open the door. Key features include:

FUEL ECONOMY

Provides full-scale wind tunnel capabilities, making it the most aerodynamic cab in the industry; front grille that is 20 percent larger than the Century/Columbia; includes exact mounting locations for the fender mounted mirrors and primary mirrors.

SAFETY

Larger windshield; consistent hood slope; large primary mirrors.

UPTIME

Improved diagnostic characteristics like multiplexing for advanced electronic capabilities; exposed fasteners in the dash; roped-in windshield; superior HVAC reliability; pedestal mount mirrors; three piece bumper that can be easily removed as a single piece.

HUMAN MACHINE/INTERACTION (HMI)

Most spacious cab; automobile-like dash materials.

LARGE QUIET CAB

Single insulation package for hot or cold climates; more than three decibels of noise improvement, making it Freightliner's most quiet cab; larger overall cab dimensions; automated cab assembly line with over 40 robots, providing the tightest cab tolerance standards.



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SPECIFICATIONS

DIMENSIONS:

- Wheelbase 228"
- CA Actual 88"
- Set-back 49"
- CA Effective 77"

CAB:

- 189" BBC aluminum conventional

ENGINE:

- Cummins ISX15
- 450 HP @ 1800 RPM – 1650 lb/ft torque @ 1200 RPM
- Cummins Interbrake engine brake
- 2010 engine emission technology

TRANSMISSION:

- Fuller FRO-16210C, 10-speed overdrive manual, fully synchronized, short shift stroke

CLUTCH:

- Eaton Solo 15-1/2" dampened ceramic 7 spring, adjustment-free, soft rate

FRONT AXLE:

- Dana Spicer, I-beam type 13,200# capacity
- Set back axle

FRONT SUSPENSION:

- Spring, taper-leaf, 13,300# capacity with maintenance-free rubber bushings

REAR AXLE:

- Dana Spicer single reduction 40,000# capacity
- 3.55 rear axle ratio

REAR SUSPENSION:

- Freightliner Extra-Duty Airliner 40,000# capacity

FRAME:

- 11/32" x 3-1/2" x 10-3/16" steel rail 120KSI yield
- Huck-bolted frame and 5th wheel
- Flange tapered end of frame
- 12" Air slide fifth wheel

FUEL TANKS:

- 25" diameter dual aluminum tanks, with 220 gallons total capacity

BRAKES

- 4S/4M ABS without traction control
- Automatic slack adjusters for front and rear brakes
- Extended service wide brakes

TIRES:

- Front: Goodyear G399 LHS Fuel Max 11R22.5 x 16 PR
- Rear: Goodyear G572 LHD Fuel Max 11R22.5 x 14 PR
- CARB Compliant

WHEELS:

- Disc, 22.5" painted steel, 10 bolt hub-piloted

CAB INTERIOR:

- Power outlets at base of bunk
- Power windows
- Double bunk set-up
- Premium gray cloth interior
- Driver and passenger seat: high back air suspension with tilt/extension and air lumbar
- AC/heater/defroster
- Adjustable tilt and telescoping steering wheel
- Dash mounted lighter and ashtray

CAB EXTERIOR:

- Aluminum cab
- Chrome grille
- Dual black heated mirrors with integral convex and left and right-hand remote
- Right and left-hand fender mounted mirrors - gray
- 28" deck plate behind cab
- Partial Frame Side Fairings

CHASSIS PAINT:

- Black polyurethane

SPECIAL FEATURES

- 4 - AGM 8A31 group premium, glass mat batteries 3200 CCA
- Premium noise abatement and insulation package
- 14" round air horn under deck
- Tinted windows
- L.E.D. marker/stop/tail/turn lights
- Dual driver and passenger seat arm rests
- Automatic slack adjusters for front and rear brakes
- Clear 4" round fog lights recessed in bumper
- Roped in windshield - 2 piece
- FE (Fuel Efficient) synthetic lube in axles
- Progressive low voltage disconnect @12.3v
- 2-way heavy duty 90 AMP receptacle to power trailer liftgate
- AM/FM/WB/CD premium radio, dash mounted
- CB radio mounting provision overhead
- Soft and durable MODURA seat fabric
- Cab privacy curtain
- White Elite base/clear finish DuPont paint
- Cold weather package, 115v block heater
- Davco 382 heated fuel water separator