

**CASCADIA®**





## IN THIS BUSINESS, LOWER **TOTAL COST OF OWNERSHIP** LEADS TO GREATER PROFITABILITY.

The Freightliner Cascadia® and Cascadia Evolution enable customers to run more efficient and successful businesses. Both models are packed with engineering innovations that increase productivity and lower operating costs. Both models also

offer proven reliability and ease of maintenance in order to maximize uptime. And the Evolution's optional Detroit™ DT12™ Automated Manual Transmission incorporates a durable, direct-drive or overdrive design, which minimizes wear on drivetrain components. Comfortable, ergonomic cab interiors enhance driver productivity. Put simply, these trucks are engineered and built for long-term efficiency, which improves our customers' bottom line performance.

GREATER EFFICIENCY.  
GREATER PRODUCTIVITY.  
**LOWER COST  
PER MILE.**

## THE NEVER-ENDING QUEST FOR GREATER EFFICIENCY.

Freightliner Trucks is in constant pursuit of greater fuel economy and overall efficiency. We've spent years designing and testing a variety of aerodynamic enhancements that increase airflow around the cab and reduce drag. The Cascadia and Cascadia Evolution have logged thousands of hours of wind resistance and air flow testing in Daimler Trucks North America's proprietary wind tunnel – the only full-scale, OEM-owned and operated wind tunnel for big rigs in North America. And both models proved out hundreds of thousands of test miles on actual roads in real-world conditions.

The Cascadia can be specified with either a Detroit or Cummins heavy-duty engine with ratings up to 600 horsepower. The Cascadia Evolution 113" BBC runs with the industry-leading Detroit™ DD13,<sup>®</sup> and the Cascadia Evolution 125" BBC is powered exclusively by a newly-designed DD15<sup>®</sup> engine. And the Detroit™ DT12™ Automated Manual Transmission (AMT) was developed to interface seamlessly with both the DD13 and DD15 engines, further enhancing performance and fuel economy.

The AMT combines a traditional manual gearbox with a computer-controlled shift actuator and clutch, ensuring the best shift patterns are selected for optimal power or fuel efficiency. That's what Freightliner calls running smart.

Further fuel economies are gained with the Cascadia Evolution's exterior aerodynamic features, such as flared-out chassis side fairings and longer side extenders that stream airflow around the vehicle. These, along with other engineering improvements, help the Evolution model to achieve up to a 7% increase in fuel economy over the first-generation EPA 2010-compliant Cascadia model.



UP TO A

7%

INCREASE  
IN FUEL  
ECONOMY\*

LEFT: CASCADIA EVOLUTION 113" BBC DAY CAB

RIGHT: CASCADIA EVOLUTION 72" RAISED ROOF

\*Results achieved with 2013 Cascadia Evolution model



## RELIABILITY AND INCREASED UPTIME WILL KEEP YOUR BUSINESS RUNNING FOR MILES.

The Cascadia and Cascadia Evolution truck models were engineered for easy maintenance to maximize uptime and increase profitability. On both models, chassis side fairings have smaller sacrificial parts, quick-release hinges, and are available in mold-in color, so the color does not wear off.

The hood on both models opens effortlessly for quick engine accessibility. The multiplex electrical system allows technicians to easily diagnose issues. And both models incorporate intelligent diagnostics to assess and maintain engine and transmission Electronic Control Units.

Freightliner Trucks takes uptime to an even higher level with the Detroit™ Connect Virtual Technician™ on board diagnostic system. This advanced telematics system provides real-time engine data while the truck is on the road, so drivers and fleets can manage service stops and repair needs more efficiently. You also have access to one of the largest dealer networks in the industry – with more than 300 dealerships and 200 Freightliner ServicePoint® facilities at TravelCenters of America and Petro Stopping Centers. And the Freightliner Customer Assistance Center hotline is ready to assist customers 24 hours a day, seven days a week.

300+  
DEALERS

24/7  
CUSTOMER SUPPORT

# KEEPING DRIVERS PRODUCTIVE AND BUSINESSES PROFITABLE.

Get behind the wheel of a Cascadia or Cascadia Evolution, and you'll notice right away why these models are so popular. With one of the widest cabs in the industry, the interior is roomy, and the seats are big and tall. The automotive-style wraparound dash puts drivers in control with an ergonomic layout. The backlit LED gauges are easy to read, day and night. The steering column tilts and telescopes for precise adjustment. Steering-wheel-mounted controls for cruise, marker lights, engine brake and Driver Message Center help drivers focus on the road. The entire HVAC system has been tested and fine-tuned to offer the most comfortable work environment. And when you add ample, easily accessible storage and an optional Driver's Lounge, you have one of the most efficient and comfortable cab environments ever developed for professional drivers.

Operating these trucks is also easy on the driver. A wheel cut of up to 50 degrees offers a tight turning radius and excellent maneuverability. Solid cab construction and



superior suspension reduce vibration, reducing driver fatigue and increasing comfort. The low-mounted dash, large windshield and sloped hood make for excellent all-around visibility. And the Cascadia and Cascadia Evolution models offer the optional Detroit™ DT12™ Automated Manual Transmission, which combines the ease of an automatic with the efficiency of a manual, reducing fatigue and increasing fuel economy.





# THE CASCADIA HAS GREAT **RESALE VALUE.** IF YOU'RE EVER WILLING TO PART WITH IT.

We designed the Cascadia and Cascadia Evolution for maximized durability and longevity from top to bottom. These models have been rigorously tested, simulating millions of real-road miles in the most punishing conditions. Construction integrity is ensured, both on the outside and on the inside, by utilizing the most advanced manufacturing technology. Interior materials were designed to stand the test of time: fabrics are stain resistant; hard-trim pieces, such as door sills and dashboards, feature molded-in colors that conceal scratches to show virtually no wear and tear. Even a used truck can still look like and ride like a new truck. That's why Freightliner Trucks models rank consistently among the industry's best in resale values.

Put simply, Freightliner Trucks engineered and built the Cascadia and Cascadia Evolution models to perform beyond expectations, so drivers and fleets can concentrate on running a profitable business. Our high-quality construction and durable materials help the trucks hold their value for many years to come. That's exactly what we mean by running smart.

## STANDARD FEATURES

- > Large, comfortable seats
- > Powerful HVAC system with six dash-mounted vents, eight blower speeds and 20-percent greater airflow
- > High-tech thermal and noise insulation
- > Overhead storage console
- > Improved cab insulation
- > Adjustable tilt-telescoping steering column
- > Wraparound dash
- > Low-mounted dash and sloped hood
- > Steering-wheel-mounted controls
- > Large, dual rear window glass in a day cab application
- > Robust pedestal mirror design with power mirror adjustment
- > Up to a 50-degree wheel cut
- > Optimized aerodynamics
- > EPA 2013- and GHG14-compliant SCR technology
- > Long-lasting LED headlights improve visibility
- > Rugged three-piece bumper
- > Detachable rain tray for quick rear engine access
- > Gas strut-assisted hood
- > Roped-in windshield
- > Power Distribution Center fuses and circuit breakers grouped in a single location
- > Detroit™ Connect Virtual Technician™ on board diagnostic system

<b>CLASS</b>	8
<b>GVW</b>	Up to 60,700 lbs.
<b>BBC</b>	113" 125"
<b>LIGHTWEIGHT OPTIONS</b>	Aluminum frame rails Aluminum wheels Aluminum axle carriers Aluminum fifth wheels Aluminum air tanks Lightweight brake drums Wide-base single tires Horizontal exhaust Between-rail plastic battery box <small>*See dealer for complete list of lightweight options</small>

## OPTIONAL FEATURES

- > Detroit™ Connect Visibility fleet software monitors trucks and improves performance and efficiency
- > Detroit™ Connect On-Board Tablet featuring paperless HOS tracking, two-way messaging, advanced navigation and pre/post-trip inspections
- > Air disc brakes for steer and drive axles
- > Wide-base single wheel and tire options
- > Steering-column-mounted shift lever for automated manual transmissions
- > Several dash gauge packages with optional Driver Message Center
- > Electronic Stability Control
- > Roll Stability Control
- > Qualcomm pre-wire packages
- > PeopleNet pre-wire package
- > Shatterproof rear window glass in a day cab application
- > LifeGuard RollTek® driver and passenger rollover restraint and seat-mounted air bag system
- > Driver's Supplemental Restraint System (SRS) steering wheel airbag
- > Meritor WABCO OnGuard™ collision mitigation system
- > Bendix™ VORAD® side object detection system
- > Lane guidance system
- > VS-400 collision warning and adaptive cruise control system
- > Hendrickson AERO CLAD® stainless steel clad aluminum bumper
- > ParkSmart® battery powered auxiliary HVAC system
- > Factory-installed TriPac™ Auxiliary Power Unit powered by Thermo King
- > Heated and ventilated front seats
- > Meritor WABCO Electronically Controlled Air Suspension (ECAS)
- > Bluetooth®-enabled radio
- > Detroit™ DT12™ 12-speed Automated Transmission

ENGINES	CASCADIA*	CASCADIA* EVOLUTION
Detroit™ DD13*	350-470 HP, 1250-1650 lb-ft	350-470 HP, 1250-1650 lb-ft
Detroit™ DD15* AT		455-560 HP, 1550-1750 lb-ft
Detroit™ DD15* TC	455-505 HP, 1550-1750 lb-ft	
Detroit™ DD16*	475-600 HP, 1850-2050 lb-ft	
Cummins® ISX12	310-425 HP, 1150-1650 lb-ft	
Cummins® ISX15	400-600 HP, 1450-2050 lb-ft	
Cummins® Westport ISX12 G Natural Gas	320 or 400 HP, 1450 lb-ft	
TRANSMISSIONS	CASCADIA	CASCADIA EVOLUTION
Manual	Eaton Fuller® 9, 10, 13, 15 and 18 speed	Eaton Fuller® 9, 10, 13, 15 and 18 speed
Automated Manual	Detroit™ DT12™ 12 speed* Eaton UltraShift® PLUS 10, 13 and 18 speed	Detroit™ DT12™ 12 speed
Automatic	Allison® 3000, 4000 and 4500	Allison® 3000, 4000 and 4500
SUSPENSIONS		
Front	Freightliner taperleaf 12,000-14,600 lbs. Hendrickson AIRTEK® 12,500 lbs.	
Rear	Freightliner AirLiner® 21,000-23,000 lbs. Freightliner AirLiner® 40,000-46,000 lbs.	
AXLES		
Front	Detroit 12,000-14,700 lbs. Meritor 12,000-14,700 lbs. Hendrickson STEERTEK® 12,500 lbs.	
Rear	Detroit Tandem 40,000-46,000 lbs. Meritor Single 20,000-23,000 lbs. Meritor Tandem 40,000-46,000 lbs.	
Configurations	4x2, 6x2, 6x4	

\*only with the DD13



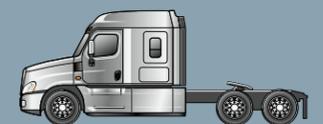
113" BBC DAY CAB



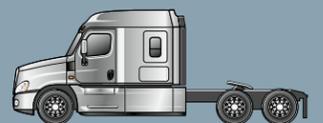
125" BBC DAY CAB



48" MID-ROOF XT



60" MID-ROOF XT



72" MID-ROOF XT



60" RAISED ROOF



72" RAISED ROOF

CASCADIA 72" RAISED ROOF



*Run Smart*<sup>SM</sup>