### Specifications

**Standard Features**
- Large, comfortable seats
- Powerful HVAC system with six dash-mounted vents, eight blower speeds and 20% 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™ Virtual Technician™ onboard diagnostic system

### Class 8

**GVW**
- Up to 60,700 lbs.

### BBC

**113"**
- 125" BBC Day Cab

**60"**
- Mid-Roof XT
- Raised Roof

**72"**
- Mid-Roof XT
- Raised Roof

### Lightweight Options

- 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

*See dealer for complete list of lightweight options*

### Engines

- **CASCADIA®**
  - Detroit™ DD13® 350-470 HP, 1250-1650 lb-ft
  - Detroit™ DD15® 400 HP, 1750 lb-ft
  - Detroit™ DD16® 475-600 HP, 1850-2050 lb-ft
- **Cummins®**
  - ISX12 10-1250 HP, 1150-1650 lb-ft
  - ISX15 400-600 HP, 1450-2050 lb-ft
  - Westport ISX12 G Natural Gas 320 or 400 HP, 1450 lb-ft

### Transmissions

- **CASCADIA®**
  - Detroit™ DT12™ 12-speed
  - Eaton UltraShift® PLUS 10-, 13-, 15- and 18-speed
  - Automatic: Allison® 3000, 4000 and 4500

### Suspension

- **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

### Optional Features
- Integrated Detroit™ Powertrain downspeed package
- 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™ Automated Manual Transmission
IN THIS BUSINESS, LOWER REAL 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 airflow 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 spec’d 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", and the Cascadia Evolution 125” BBC can be powered by the DD15" or DD16" engine. 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*

*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 (ECU).

Freightliner Trucks takes uptime to an even higher level with the Detroit™ Connect Virtual Technician™ onboard 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. And the Freightliner Customer Assistance Center hotline is ready to assist customers 24 hours a day, seven days a week.
KEEPCING 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. 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
- Power mirrors, options with side door, rearview, and lower mirrors
- Eight-position driver’s seat with 250-lb. seat force
- Over-the-dash storage console
- Improved cab insulation
- Adjustable sideview mirror strips
- Power rearview mirror
- Customizable dash and angled hood
- Steering wheel-mounted controls
- Large, dual rearview glass in a day cab application
- Revolutionary power mirror design with power mirror extension
- Up to 23-inch diagonal rearview
- Adjustable steering column
- Wraparound dash
- Low-mounted dash and sloped hood
- Steering-wheel-mounted controls
- Large, dual rearview 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™ Virtual Technician™ onboard diagnostic system

### CLASS 8 GVW
- Up to 60,700 lbs.

### BBC
- 113”
- 125”

### LIGHTWEIGHT OPTIONS*
- 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

### ENGINES
- **CASCADA® CASCADIA EVOLUTION**
  - Detroit™ DD13® 350-470 HP, 1250-1650 lb-ft
  - Detroit™ DD15® 400 HP, 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**
  - Automated Manual: Detroit™ DT12™ 12-speed
  - Eaton UltraShift® PLUS 10-, 13-, 15- and 18-speed
  - Automatic: 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

### OPTIONAL FEATURES
- **Detroit™ Powertrain downspeed package**
- **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 analytics, and pre- and post-trip inspections
- Air disc brakes for steer and drive axles
- Multi-level safety system
- Steering column-mounted shift lever for automated manual transmissions
- Driver Message Center
- Head Stability Control
- Quickstart pre-wire packages
- Tractor pre-wire packages
- Dumped rearview glass in a day cab application
- Unibody HD/CFE™ class and passenger side airbag
- E-Lift rear and side-retracted airbag 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
- PeopleNet pre-wire package
- Shatterproof rear window glass in a day cab application
- LifeGuard RollTek® passenger rollover restraint and seat-mounted airbag system
- Delivery and installation of Detroit™ Virtual Technician™ vehicle diagnostics system

### Paints
- **CASCADIA®**

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*See dealer for complete list of lightweight options

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### Specifications

- Large, comfortable seats
- Powerful HVAC system with six dash-mounted vents, eight blower speeds and 20% 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™ Virtual Technician™ onboard diagnostic system

### Class 8

**GVW Up to 60,700 lbs.**

<table>
<thead>
<tr>
<th>BBC</th>
<th>Options</th>
<th>Weight</th>
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### LIGHTWEIGHT OPTIONS

- 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

*See dealer for complete list of lightweight options*

### Engines

- **CASCADIA®**
  - **CASCADIA EVOLUTION**
  - Detroit™ DD13®: 350-470 HP, 1250-1650 lb-ft
  - Detroit™ DD15®: 400 HP, 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: 320 or 400 HP, 1450 lb-ft

### Transmissions

- **CASCADIA®**
  - Automatic: 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

### Optional Features

- Integrated Detroit™ Powertrain downspeed package
- 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
- Detroit 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 Manual Transmission

### Additional Features

- Qualcraft 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
- Detroit 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
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- Meritor WABCO Electronically Controlled Air Suspension (ECAS)
- Bluetooth®-enabled radio
- Detroit™ DT12™ 12-speed Automated Manual Transmission