



## WE REINVENTED THE REFUSE TRUCK.

The EconicSD offers the most advanced safety and connectivity tools on the market. The Detroit Assurance® suite of safety systems uses radar and camera technologies to deliver exceptional on-road control and to help decrease the risk of collisions and the costs associated with them. The EconicSD comes standard with:



### ACTIVE BRAKE ASSIST TO HELP MITIGATE POTENTIAL COLLISIONS

Active Brake Assist automatically detects distances from the front of the truck to other vehicles through a radar system. Based on the speed and position of the truck in relation to other vehicles, the system warns the driver and can engage in full or partial braking to mitigate potential collisions that might otherwise be unavoidable.



### LANE DEPARTURE WARNING TO ALERT DRIVERS OF UNINTENTIONAL LANE CHANGES

Lane Departure Warning is a feature that tracks the truck's position and sounds a warning when an unintentional lane change is initiated. A windshield-mounted, forward-facing camera detects the road's reflective paint and its lane markers.



### ADAPTIVE CRUISE CONTROL TO MAINTAIN SAFE FOLLOWING DISTANCES

Adaptive Cruise Control (ACC) automatically adjusts cruising speed to maintain a safe, continuous following distance from vehicles in the lane ahead. ACC decelerates the truck to its preset distance using torque reduction, engine braking and service braking, maintaining a reduced cruising speed and reaccelerating to the set cruising speed when the slower vehicle clears or accelerates.



### SIDE GUARD ASSIST TO ALERT DRIVERS TO OBJECTS IN THE TRUCK'S BLIND SPOTS

Side Guard Assist uses two radar sensors to monitor the proximity of the truck's passenger side for objects such as bicyclists, vehicles, etc. If the truck veers into an already populated lane or attempts a right turn in city traffic with objects in its blind spot, an audible and visual warning will alert the driver.

## SPECS & OPTIONS

### STANDARD FEATURES

- 81" BBC (98" effective BBC)
- Steel-reinforced aluminum cab
- Detroit® DD8™ engine with 350 HP and 1050 lb-ft torque
- Allison automatic 3000 Series 6-speed RDS transmission
- Set-back axle configuration with up to 46-degree wheel cut
- 18,000-lb. front axle
- 46,000-lb. tandem rear axles
- Wheelbases: 192"/4875MM
- All-wheel disc brakes
- Steel disc front and rear wheels
- Front and rear air suspension
- 2 million RBM frame rail and pre-drilled frame rails
- LED headlights
- Electronic Stability Control (ESC)
- Cab design facilitates through-cab access
- Suspended driver's seat with multi-axis adjustment
- Infinitely adjustable air steering column
- Modern digital instrument cluster with steering wheel controls
- Detroit Connect Virtual Technician® remote diagnostic service (3 years included)
- Detroit Assurance® suite of safety systems includes Active Brake Assist, Adaptive Cruise Control, Lane Departure Warning and Side Guard Assist
- Enhanced mirror system to expand field of vision
- Tinted panoramic windshield
- Automatic windshield wiper and light sensors
- High performance, two-position engine brake
- Electronic braking system with ABS for more efficient operation and maintenance
- 50-gallon aluminum fuel tank
- Two-battery 24V system with 12V TEM interface connectors

### OPTIONAL FEATURES

- Built-in camera system with 4-way views displayed on a flat-screen dash monitor
- Pneumatic bi-fold door with full-length tinted glass located on passenger's side
- Automated frame lowering and lifting by front and rear air suspension
- Right-hand or left-hand steer configuration
- 80-gallon aluminum fuel tank
- 20,000-lb. front axle (low roof cab)
- 6.82 rear axle ratio
- Allison automatic 3300 RDS transmission with PTO provision (low roof cab only)
- Allison transmission retarder
- Aluminum disc wheels (only available with 18k front axle)
- 204" wheelbase
- Yellow interior grab handles

## THE FIVE CONTRIBUTING FACTORS THAT MAXIMIZE RCO.

### UPFIT

Freightliner Trucks works closely with truck equipment manufacturers (TEMs) to create vehicles with various refuse options that TEMs can efficiently upfit, reducing time and costs.

### UPTIME

Our support keeps you on the road with a 24/7 toll-free hotline, hundreds of service locations and Detroit Connect Virtual Technician services to keep you informed of fault events and how best to fix them. The EconicSD is also equipped with the ultra-efficient 350 HP Detroit DD8 engine offering the longest maintenance intervals in its class.

### SAFETY

We understand the importance of operator visibility, entry and egress. Comfort in the truck during a long workday can help reduce fatigue and improve safety. Freightliner's EconicSD offers numerous innovative safety features and an ergonomically designed, spacious cab to help keep drivers safe and productive.

### QUALITY

Freightliner trucks are designed to maximize reliability and longevity. We rigorously test our products to ensure each model meets or exceeds customer business needs. Quality construction and durable materials help Freightliner trucks stay on the job and drive business results.

### PRODUCTIVITY

Productivity starts with efficiency and dependability that maximize uptime. A truck has to be in-service and getting the job done. We're focused on designing and testing severe duty trucks for real-world conditions.



### AVAILABLE CAB CONFIGURATIONS



Low Roof  
(Front Loader, Rear Loader or Side Loader)



High Roof  
(Rear Loader or Side Loader)

AVAILABLE AXLE CONFIGURATION  
6x4 Axle

## DESIGNED FOR REFUSE. BUILT FOR SAFETY.

The design is innovative, the build is uncompromising and the technology leaves everything else behind. The Freightliner EconicSD™ is a truck built for one purpose—to redefine the refuse category. The driver experience was designed to maximize productivity by ensuring safety and comfort. The low-entry design makes entry easy, and the panoramic view and low seating position enhance navigation. A digital instrument cluster and steering wheel controls create an intuitive interior.

The EconicSD is the first and only refuse truck in North America to offer Detroit Assurance® suite of safety systems. This groundbreaking collision mitigation system comes standard with Active Brake Assist, Adaptive Cruise Control, Lane Departure Warning and Side Guard Assist.

The Detroit® DD8™ engine delivers best-in-class maintenance intervals and includes Detroit Connect Virtual Technician® a remote diagnostic service that helps fleets make fast, informed service decisions.

With its unique combination of ergonomics, versatility and technology, the EconicSD™ performs like no other commercial vehicle, delivering exceptional productivity day in and day out.

Learn more at [Freightliner.com](http://Freightliner.com)

Competitive financing available through Daimler Truck Financial. For the Freightliner Trucks dealer nearest you, call 1-800-FTL-HELP 04/21. FTL/MC-B-1518. Specifications are subject to change without notice. Freightliner Trucks is registered to ISO 9001:2015 and ISO 14001:2015. Copyright © 2021 Daimler Trucks North America LLC. All rights reserved. Freightliner Trucks is a division of Daimler Trucks North America LLC, a Daimler company.

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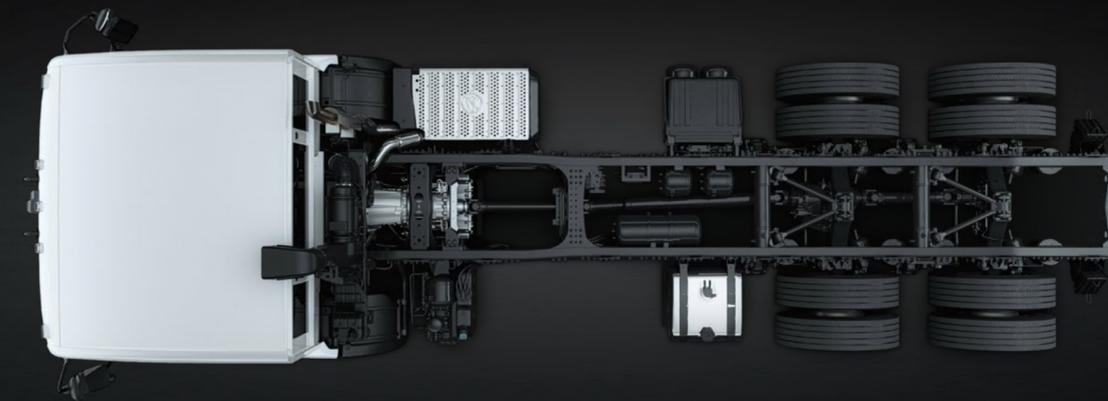
# ULTRA-SAFE. ULTRA-SMART. DESIGNED FOR REFUSE.

- High roof and low roof cab configurations available
- 6x4 axle configuration available
- Up to 46-degree wheel cut
- Spacious and modern cab enabling through-cab access
- All-wheel disc brakes
- Corrosion-resistant severe duty aluminum cab reinforced with e-coated steel
- Panoramic windshield for superior visibility
- Front axle and suspension up to 20k capacity
- LED headlights
- Short wheelbase to ensure superior maneuverability
- Powerful premium engine brake to reduce mechanical brake wear
- Air front and air rear suspensions



## ENGINE

- Detroit® DD8™ 350HP/1050 lb-ft torque
- Variable cam phasing technology leads to fewer regens and improved uptime
- Best-in-class fuel efficiency
- Best-in-class maintenance intervals



## DETROIT CONNECT VIRTUAL TECHNICIAN®

Detroit Connect Virtual Technician is a remote diagnostic service that empowers fleets to make fast, informed service decisions by transmitting data to the experts at the Detroit Customer Support Center. Within minutes, fleet managers know the severity of an issue and the smartest way to solve it.

## FUEL & AFTERTREATMENT SYSTEMS

- Vertical and horizontal aftertreatment system mountings
- 6.6-gallon DEF tanks
- 50-gallon (standard) or 80-gallon (optional) aluminum fuel tank

## TECHNOLOGY

- Detroit Connect Virtual Technician remote diagnostic service
- Detroit Assurance® suite of safety systems

## TRANSMISSION

- Allison automatic with PTO and optional transmission retarder

## AXLES (UP TO)

- Steer 18,000-lb. / 20,000-lb. (low roof cab only)
- Drive 46,000-lb. tandem hub reduction

## FRAME RAILS

- Standard single-channel frame rails
- 11/32" (9mm) reinforced frame rails
- 2 million RBM frame rails
- Pre-drilled frame rails for easy body and accessory upfit
- Weight optimized hardware



## VISIBILITY

- Oversized tinted panoramic windshield for high visibility and low seating position for unimpeded cross-cab vision
- Enhanced mirror system enabling an expanded field of vision
- Automatic windshield wiper and light sensors
- Optional built-in camera system for 4-way visibility



## ENTRY/EGRESS

- Innovative low-entry cab design offering easier entry and egress than competing commercial vehicles
- 19" step-in height, half the height of conventional trucks
- 88-degree door opening for ease of entry and egress
- Optional kneeling function on front axles to further reduce the ergonomically low step-in height by several inches



## WALK-THROUGH CAB

- Through-cab access for drivers and passengers
- Optional pneumatic bi-fold doors
- Spacious and modern cab designed with driver comfort in mind
- Suspended driver's seat with multi-axis adjustment



## ENGINE ACCESS

- Tilting cab for convenient access to engine and components
- Detroit DD8 engine
- Allison automatic transmission
- Detroit Connect Virtual Technician remote diagnostic service



## MANEUVERABILITY

- Set-back axle with up to 46-degree wheel cut enabling superior performance in tight spaces
- Short wheelbase to enable enhanced maneuverability



## DASH

- Intuitive digital instrument cluster that displays key information on LCD screen
- Ergonomic steering wheel controls allowing drivers to cycle through key information