

NATURAL GAS

FUEL YOUR FUTURE.

RIDE WITH THE LEADER.

The natural gas-powered new Cascadia® has proven its performance for a variety of applications, including local distribution, regional haul and port drayage. The new Cascadia natural gas delivers near-zero emissions and with its advanced aerodynamic design is both fuel efficient and environmentally friendly.



CASCADIA

FREIGHTLINER

POWER AND PERFORMANCE

The new Cascadia® is powered by the Cummins® Westport ISX12N engine, which features horsepower and torque ratings up to 400 hp/1450 lb.-ft. To match this power, the new Cascadia comes standard with a number of aerodynamic enhancements including an aerodynamic bumper with integrated air deflector and new tow hook covers, a new hood with greater slope, new aerodynamic mirrors and A-pillar air deflectors, 12-inch side extenders and a third door seal that keeps air from flowing through the jamb. For even greater aero performance, you can spec our Aero or AeroX package, which includes everything in our standard package plus new features like enhanced chassis fairing skirts, side extender seals and roof fairing deflectors. To see the full list of aerodynamic features, visit us online at Freightliner.com.

CUMMINS WESTPORT ISX12N NEAR ZERO NOx NATURAL GAS ENGINE

- Certified CARB and EPA optional near-zero Low NOx emissions standard of 0.02 g/bhp-hr
- 90% fewer NOx emissions than the current North American EPA standard
- Cleanest engine available when using renewable natural gas to reduce greenhouse gas (GHG) emissions
- Available with up to 400 hp, 1450 lb.-ft. torque
- Uses stoichiometrically cooled EGR combustion
- No SCR aftertreatment system required
- Maintenance-free exhaust system
- No DPF regeneration, cleaning or replacement
- Spark ignited
- Closed crankcase ventilation system
- Dedicated natural gas engine—no dual fuel
- Optional engine brake available
- Shares many components and parts with Cummins diesel engine, renowned for its power
- Domestic fuel source reduces dependence on foreign oil

LEVERAGING THE BEST IN THE INDUSTRY

The new Cascadia natural gas features integrated fuel systems installed by Agility Fuel Solutions in their state-of-the-art facility located in close proximity to our truck manufacturing plants. This relationship allows us to combine our expertise to deliver the best natural gas solution for your business. The Agility Blue iQ solution offers:

Improved Performance

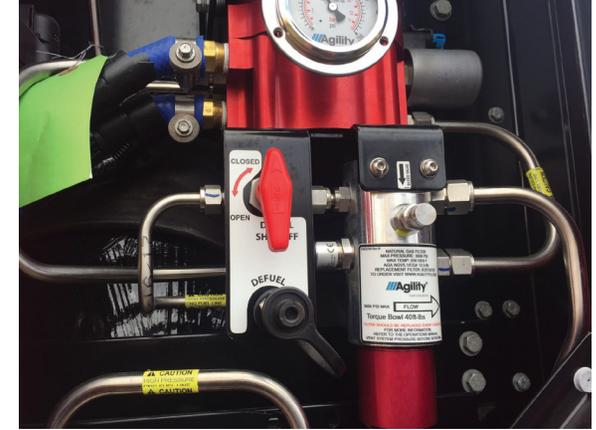
- In-cab Smart Gauge displays accurate distance to empty and fuel level, fuel system status, current fuel economy and driver feedback and resettable trip data.
- Eco Mode and Limp Home Mode interact with Cummins engine to improve fuel economy, extend range and prevent engine malfunctions at low fuel levels.
- Engine-linked start logic ensures reliable startup and operation at low fuel levels or in cold weather.

Simple Diagnostics, Maintenance and Repair

- Cummins INSITE™ and Guidanz™ service bay tools provide combined access to both engine and fuel system performance and diagnostic data.
- Agility service documentation integrated into Cummins QuickServe® Online.

Integrated Telematics

- Connected Diagnostics™ transmits key telematics like engine, fuel system and GPS data wirelessly to Cummins for analysis and service recommendations.
- Integrates with most major telematics providers.



FUEL TANK OPTIONS

A variety of factory prep packages to support a number of Agility Fuel Solutions-installed natural gas fuel tank capacities and configurations are available depending on customer preference and need. This includes side-mounted and back-of-cab-mounted CNG tanks and side-mounted LNG tanks.

All Agility-installed tanks meet or exceed all applicable safety standards.

	# of Tanks	Diesel Gallon Equivalent (DGE)
CNG FUEL TANK		
120 DGE Cabinet	3	120
131 DGE Cabinet	3	131
160 DGE Cabinet	4	160
175 DGE Cabinet	4	175
40 DGE rail-mounted	1	40
45 DGE rail-mounted	1	45
LNG FUEL TANK		
158-gallon rail-mounted	1	74
127-gallon rail-mounted	1	59

Note: Rail-mounted tanks can be installed on both frame rails to double capacity.

Daimler Truck Financial

Competitive financing available through Daimler Truck Financial. For the Freightliner Trucks dealer nearest you, call 1-800-FTL-HELP. www.freightliner.com FTL/MC-F-1575. Specifications are subject to change without notice. Freightliner Trucks is registered to ISO 9001:2014 and ISO 14001:2004. Copyright © 2019 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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FREIGHTLINER
Run Smart®