



Volvo Trucks. Driving Progress

VOLVO VNL SERIES

LONG-HAUL EFFICIENCY—PREMIUM COMFORT





SEE THE DIFFERENCE EVERY DIFFERENCE MAKES



Fuel Efficiency:
Innovative technology.
Optimized power.
Improved aerodynamics.

Learn how the VNL helps you squeeze the most profit out of every drop of fuel.

pg. **32**



Driver Productivity:
Workspace. Living space. Productive space.

The VNL offers redesigned working and living spaces, optimized to put the driver comfortably in command, maximizing productivity.

pg. **42**



Safety:
The guiding principle for everything we do.

Volvo's commitment to safety protects your business by helping drivers avoid or minimize accidents, reducing cargo loss, downtime, and accident-related insurance costs.

pg. **50**



Uptime:
Real people. Real solutions. Real fast.

Our highly-trained uptime team manages service and schedules repairs 24/7, while our fleet management solutions provide unprecedented control over your operations.

pg. **58**



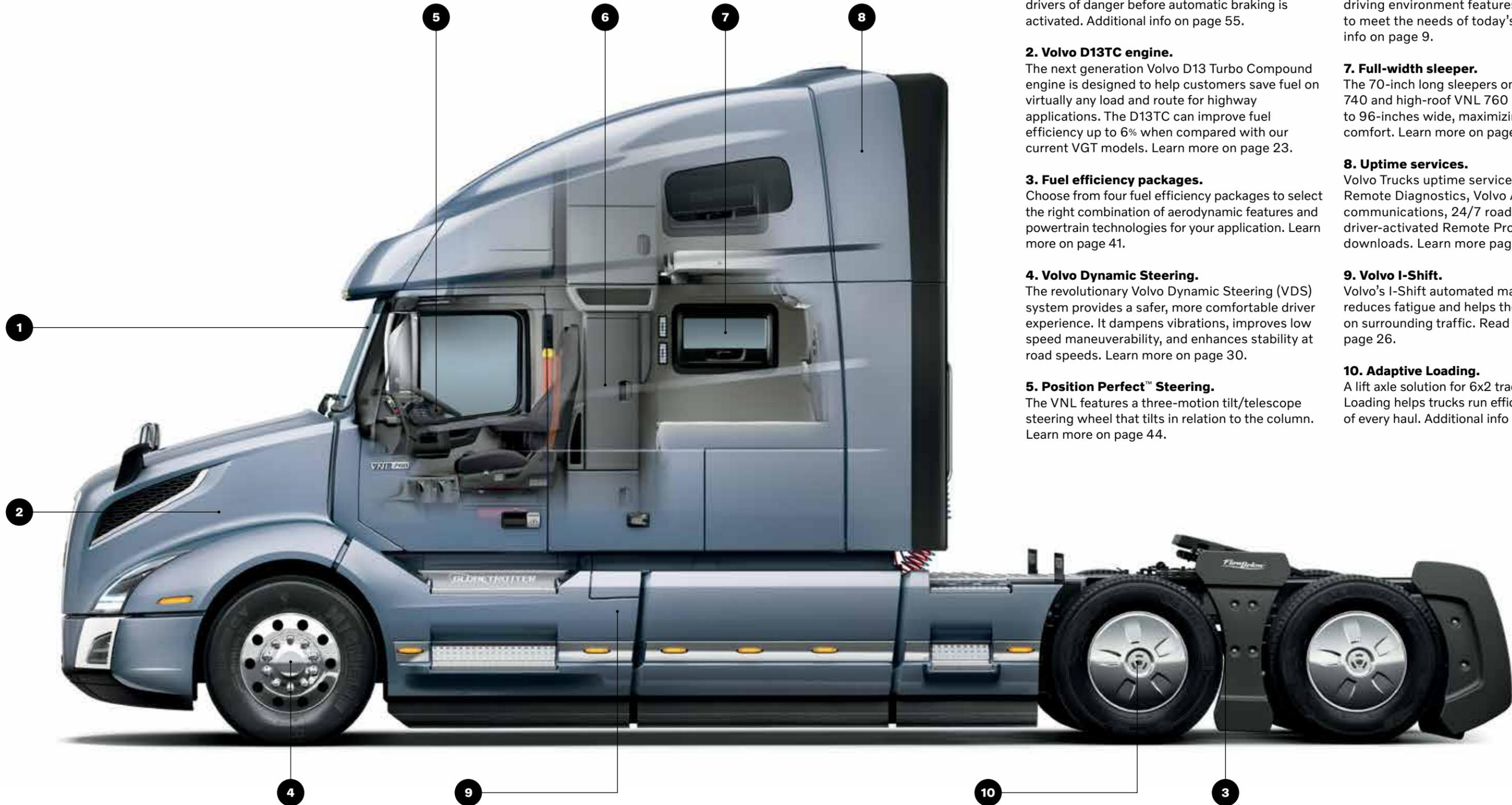
The shape of trucks to come

The Volvo VNL is built for the needs of today's—and tomorrow's—long-haul trucking operations.

This VNL is built on Volvo's foundation of fuel efficiency, driver productivity, safety, and uptime. It's optimized to keep your business competitive in today's marketplace and offers industry-leading features to meet a driver's needs

An aerodynamic front end manages airflow, while state-of-the-art LED lighting creates outstanding visibility and reduced maintenance. Inside, seating is ergonomically optimized, while the dashboard and steering wheel bring controls and information efficiently to the driver. It all works together, so that our VNL sleepers make your drivers feel at home on the road.

Ten reasons to love the Volvo VNL



1. VADA/Forward collision warning.

Volvo Active Driver Assist (VADA) helps drivers maintain a safe following distance. While an audible alert and heads-up warning display notifies drivers of danger before automatic braking is activated. Additional info on page 55.

2. Volvo D13TC engine.

The next generation Volvo D13 Turbo Compound engine is designed to help customers save fuel on virtually any load and route for highway applications. The D13TC can improve fuel efficiency up to 6% when compared with our current VGT models. Learn more on page 23.

3. Fuel efficiency packages.

Choose from four fuel efficiency packages to select the right combination of aerodynamic features and powertrain technologies for your application. Learn more on page 41.

4. Volvo Dynamic Steering.

The revolutionary Volvo Dynamic Steering (VDS) system provides a safer, more comfortable driver experience. It dampens vibrations, improves low speed maneuverability, and enhances stability at road speeds. Learn more on page 30.

5. Position Perfect™ Steering.

The VNL features a three-motion tilt/telescope steering wheel that tilts in relation to the column. Learn more on page 44.

6. Redesigned dashboard/Upgraded interior.

The well-organized dashboard combines easy-to-read gauges, a configurable driver information display, and accessible controls. The improved driving environment features a variety of features to meet the needs of today's drivers. Additional info on page 9.

7. Full-width sleeper.

The 70-inch long sleepers on the mid-roof VNL 740 and high-roof VNL 760 have been expanded to 96-inches wide, maximizing living space and comfort. Learn more on page 16.

8. Uptime services.

Volvo Trucks uptime service offerings include Remote Diagnostics, Volvo ASIST service communications, 24/7 roadside support, and driver-activated Remote Programming downloads. Learn more page 59.

9. Volvo I-Shift.

Volvo's I-Shift automated manual transmission reduces fatigue and helps the driver stay focused on surrounding traffic. Read more about it on page 26.

10. Adaptive Loading.

A lift axle solution for 6x2 tractors, Adaptive Loading helps trucks run efficiently for every mile of every haul. Additional info on page 36.

Not just a workspace, a space that works

The dashboard on the VNL has been optimized to reduce distraction by displaying the critical information a driver needs at a quick glance and by grouping frequently used controls within easy reach.

A configurable driver information display that works with steering wheel-mounted controls provides key operating information, as well as the ability to choose your preferred diagnostic data.

A dash-top tray with multiple USB and 12V connections provides a safe, convenient home for a driver's many gadgets, which can also be linked to the optional in-dash infotainment system.

Always in view, the instrument cluster's clean, symmetrical layout and diffused, light-green backlighting makes it easy to read, reducing eyestrain and fatigue.

Learn more: USA: VNL.volvotrucks.us | CAN: VNL.volvotrucks.ca



Not just any cupholder.

The modular rail system allows for the addition of up to 4 cup holders and a variety of aftermarket storage options. A storage bin or mounting platform for mobile devices is available within the system. Modular rail accessories can be configured in any combination to suit the driver's requirements.



Optional infotainment system.

Our infotainment system is available in every VNL. It features a seven-inch color touch screen and an integrated premium audio system. The infotainment system is Bluetooth® and Wi-Fi capable. Drivers can also choose to install navigation tools and a wide selection of third-party applications including Apple CarPlay.



To improve your sleep, we improved our sleeper

The VNL sleeper area is designed to offer the driver a calm, restful space for their hours off the road. This lineup of VNLs include includes a full 70" sleeper option, providing an efficient yet spacious living area.

The bunks are broad and stable, featuring embedded spring mattresses surrounded by an extra layer of foam. Cabinet doors open toward the back to create more space. Even the cupholders are premium, featuring a modular rail system that can be configured to the driver's needs and preferences.

Soft, consistent LED lighting creates a peaceful environment and keeps power consumption low. When it's time to rest, airline-style window shades block light with one simple motion. A double-sided 100% blackout curtain slides easily into place, while ambient lighting for the footwell allows night movement without an overhead light.

Step inside a VNL sleeper and you'll see why Volvo is known for creating some of the industry's finest living environments.



An industry first.

Volvo is proud to offer the first integrated, reclining bunk in a sleeper. Fully adjustable, it's like putting your favorite easy chair in the cab. A pillowtop, innerspring mattress can be added for even greater comfort.



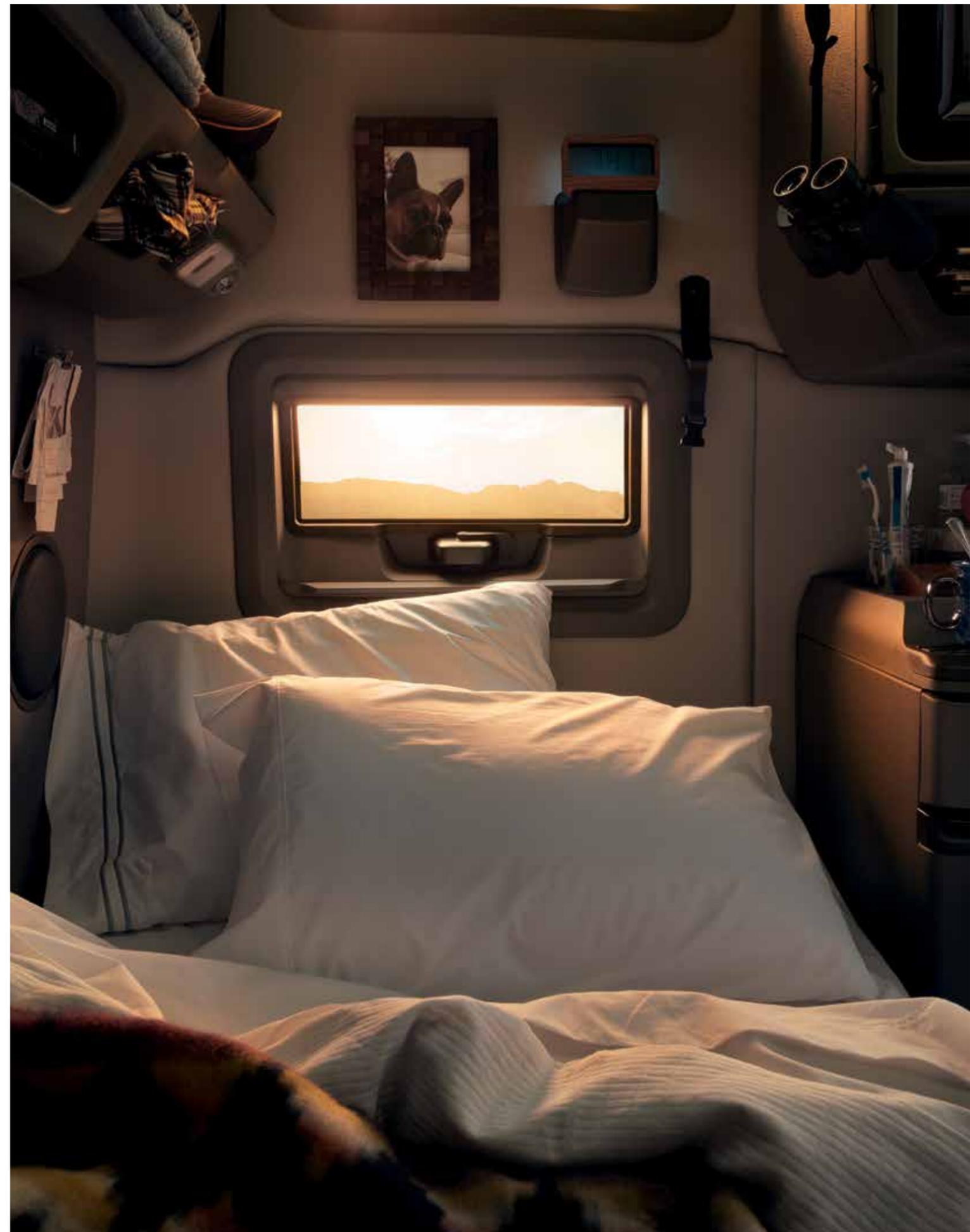
Home office.

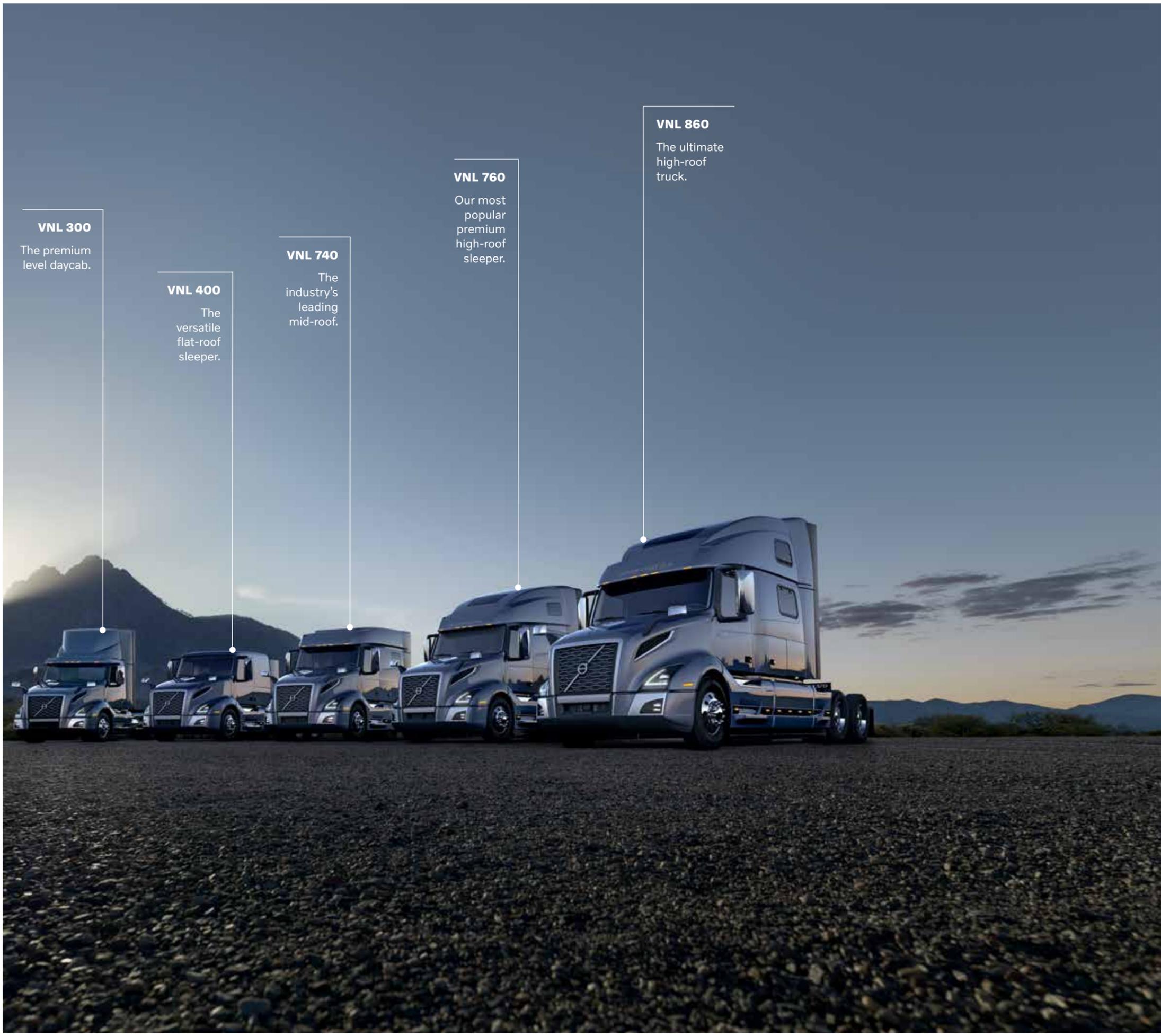
When living on the road, the workstation option in the VNL 740, 760, and 860 models gives drivers needed flexibility in the sleeper. Solo drivers may prefer to leave the table set up and sleep in the top bunk, while team drivers may choose to collapse the table for access to both bunk beds.



Moving on up.

An integrated telescopic step ladder is now optional with the VNL 760. The ladder deploys easily when needed, while rugged retention latches keep the ladder securely in place when stowed.





VNL 300

The premium level daycab.

VNL 400

The versatile flat-roof sleeper.

VNL 740

The industry's leading mid-roof.

VNL 760

Our most popular premium high-roof sleeper.

VNL 860

The ultimate high-roof truck.

WHY VNL?

The VNL series offers incredible ergonomics, aerodynamics, fuel efficiency, and performance. The selection of VNL sleeper and day cab models covers a wide range of highway applications, all offering unsurpassed driveability, safety, and comfort, while helping you deliver big savings to your bottom line. So if you're looking for a premium truck that puts a premium on profitability, look no further than Volvo.

Ultimate comfort, optimized for productivity

You know you've arrived at the top when you can choose comfort and safety without compromising on productivity and efficiency. Our flagship model, the high-roof VNL 860, builds on Volvo's foundation of fuel efficiency, driver productivity, safety, and uptime. When it's time for work, the latest innovative features help you deliver on your commitments.

The VNL 860 starts with a stunning, aerodynamic exterior that includes our panoramic windshield. Step inside and you'll immediately find a dashboard and optimized seating that puts the driver comfortably in command. When the day is done, the upgraded high-roof 77-inch sleeper has plenty of space, storage, and amenities to let team drivers feel at home, away from home.

The VNL 860 represents the ultimate investment for your bottom line and for your most important asset—your drivers.



VNL 860



Setting the standard for long-haul



VNL 740

VNL 740 mid-roof.

The spacious mid-roof VNL 740 is all about efficiency—designed to make the most out of every drop of fuel. Long hauls are no problem and it's particularly well suited for weight-conscious specialty applications.

Offering improved aerodynamics and fuel-efficient powertrains, combined with Volvo's industry-leading safety and dependability, the VNL 740 and VNL 760 models are ideal for reliable performance on the open road.

Inside the 70" long, 96" wide sleepers, drivers will find plenty of space to handle day-to-day demands, whether it's catching up on paperwork, taking a meal break, or getting the rest they need for extended days on the road. Happy, comfortable drivers lead directly to increased productivity for the long haul.

The high-roof VNL 760 is destined to become our best-selling truck. See why a growing number of our customers are already trusting their business to this premium profitability player.



Versatility with long-haul comfort

When unique long-haul applications require maximum payload and minimum dimensions, look no further than Volvo's daycab VNL 300 and flat-roof VNL 400. These nimble players provide all the comfort, productivity, and reliability of Volvo's legendary VNL family of premium tractors in an efficient, highly-maneuverable package.

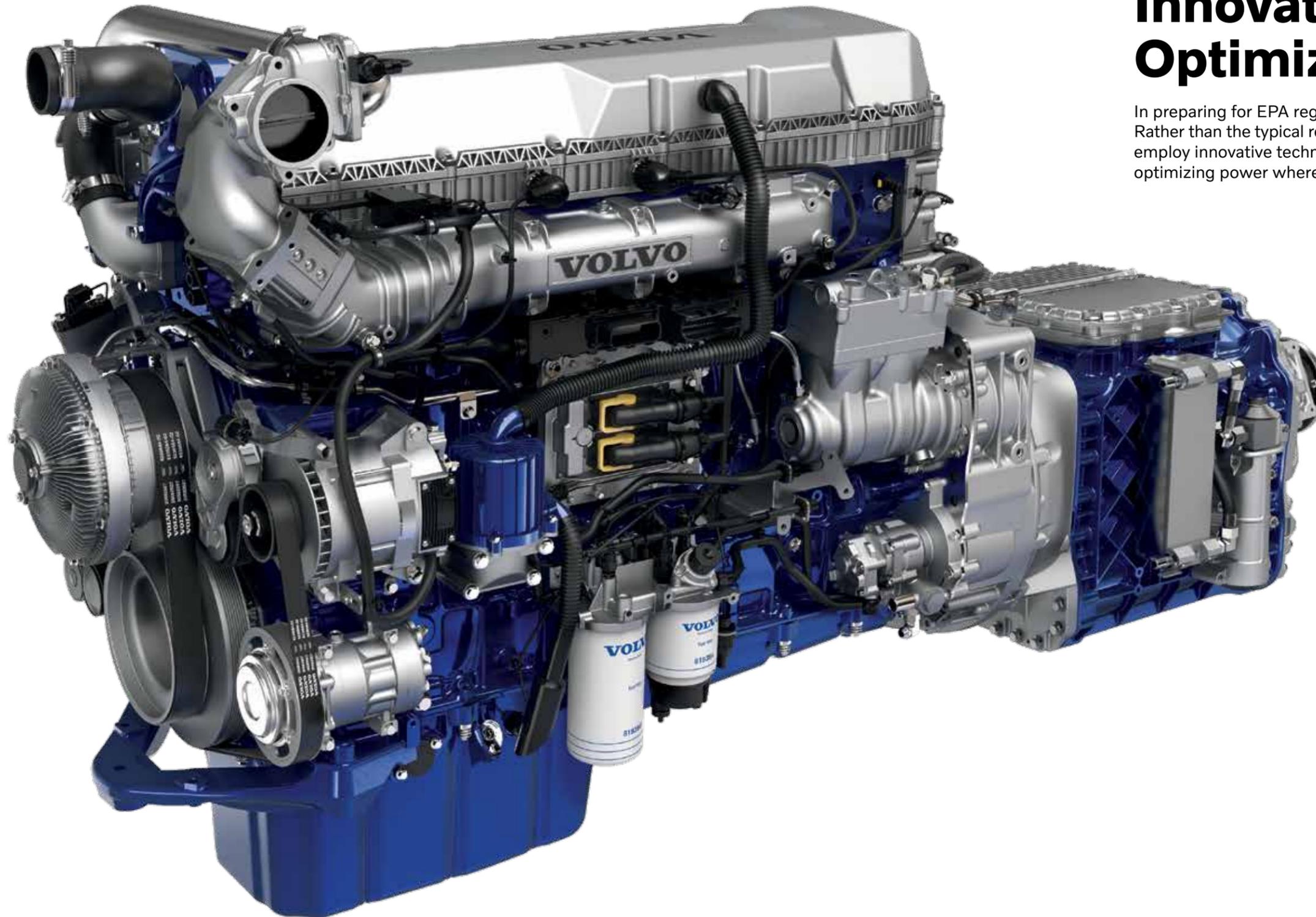
Designed to work with the driver, delivering outstanding performance and visibility, the VNL 300 is the perfect solution when your route takes you out and back the same day. Even with its compact configuration, you'll still find a surprising collection of standard features unique to Volvo that make for profitable, safe, and reliable operations. Day after day. Year after year.

VNL 400 flat roof.

A versatile and affordable flat-roof sleeper tractor, the VNL 400 is especially well-suited for the unique demands of specialty applications. It's a pleasure to drive, whether you're navigating a crowded delivery site or chasing the horizon. With a well-appointed 42" sleeper, the VNL 400 offers a 36-inch wide bed that provides a comfortable rest on overnight runs when delivery routes stretch far from home.



VNL 400



Innovative technology Optimized power

In preparing for EPA regulations, Volvo saw not an obstacle, but an opportunity. Rather than the typical responses that impede performance, Volvo chose instead to employ innovative technologies that reduce power losses and improve efficiency, optimizing power wherever possible.

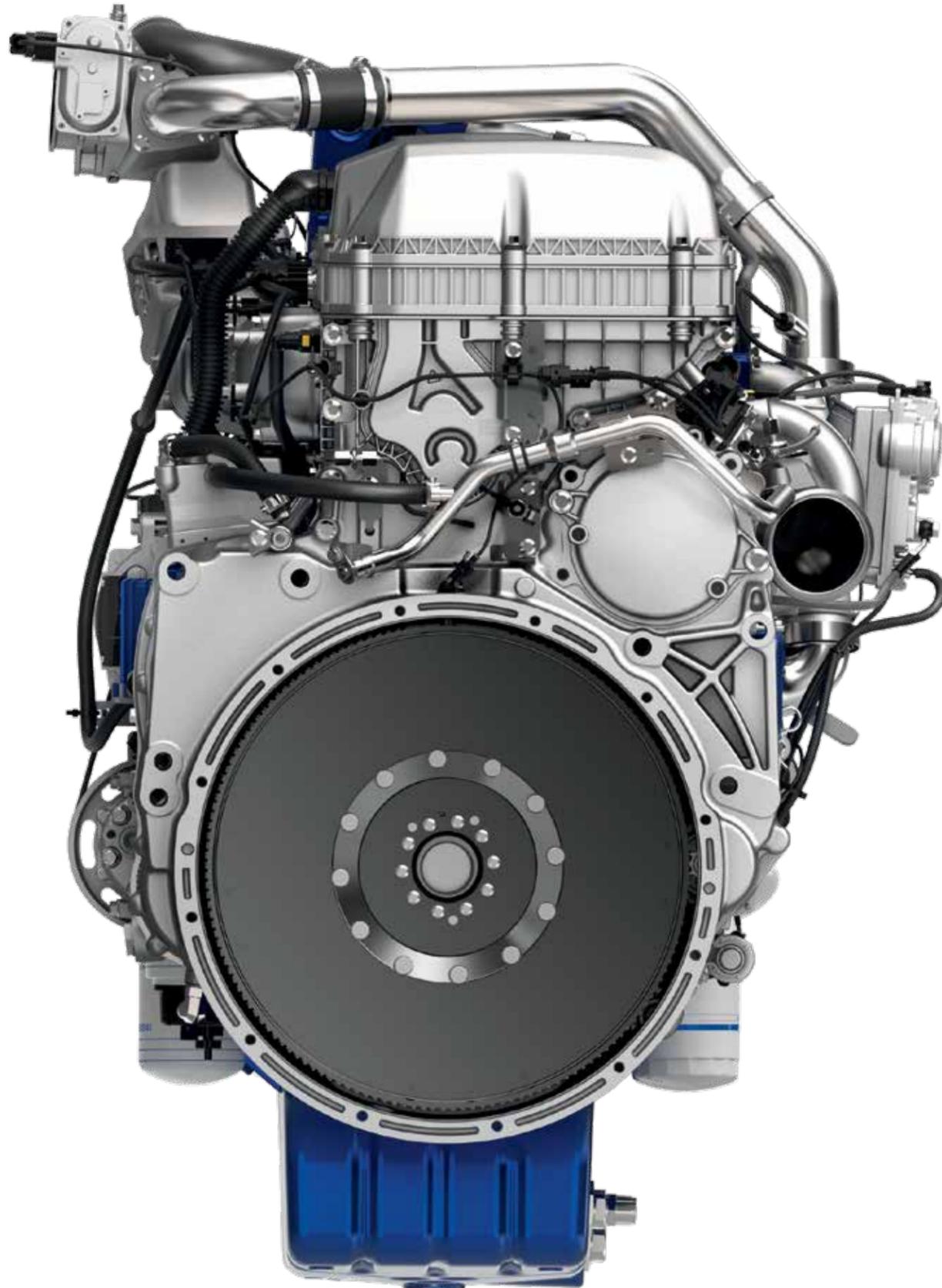
Fuel-efficient solutions throughout.

From minimizing the friction or load of engine components, to capturing and using normally lost horsepower. From hardware refinements, to innovative productivity-enhancing software solutions on I-Shift transmissions. Volvo has leveraged every opportunity to improve customer value while meeting regulatory challenges.

Inside the engine, a common-rail fuel injection system gets the most power out of every drop of fuel, and a variable geometry turbocharger optimally compresses intake air while providing the correct back-pressure to efficiently drive the EGR process.

Volvo's I-Shift transmission enhancements share the spotlight with engine innovations. Internal hardware upgrades improve performance and increase longevity.

I-Shift with Crawler Gears is available for maximum GCW loads that require slower starts. This rugged transmission option features an improved countershaft brake for faster shifting and hardened gears for extended durability.



Performance runs in the family

Volvo's family of engines is built on a foundation of proven, developed architecture that leverages innovative hardware to maximize performance and efficiency. Energy that is normally lost is recovered with standard features, including lower friction pistons that optimize cylinder efficiency. And reliability isn't sacrificed for greater efficiency. All Volvo D11 and D13 engines carry a B50 life of 1.2 million miles.



Volvo D11 **385-425 hp, 1450-1550 lb-ft.**

The Volvo D11 is a fuel-efficient, lightweight engine designed to improve reliability and minimize cost of operation. The D11 delivers performance competitive with larger engines, from 325 hp up to an impressive 425 hp at 1,550 lb-ft. torque. Ratings for eXceptional Efficiency (XE) and Eco-Torque are available. It's also a lighter solution for maximizing fuel efficiency in bulk, less-than-truckload, and distribution applications.



Volvo D13 **405-500 hp, 1450-1850 lb-ft.**

The Volvo D13's efficiency, power, and light weight improve operating costs while meeting GHG emissions standards. Multiple power ratings are available, from 405 to 500 hp.

XE and Eco-Torque ratings both feature Dynamic Torque, an incremental torque system designed to provide the right torque at the right time. It provides an ideal solution for customers who desire the fuel economy of lower torque with the strong performance of higher torque.



Volvo D13TC **405-455 hp, 1750-1850 lb-ft.**

Ideal for applications operating primarily at cruise speed, the next generation D13TC uses turbo compounding to capture and harness energy typically lost through the exhaust to recover lost horsepower and improve fuel economy. The D13TC can offer fuel savings of up to 6% compared to the standard D13. The D13TC uses Dynamic Torque to automatically set a torque level dependent upon the weight of the truck, the grade and the road conditions at any given time.

Power options for special applications

Because certain specialized applications require unique powertrains, Volvo works closely with Cummins to provide a full range of power options.

As the fueling infrastructure for natural gas becomes increasingly plentiful, more and more delivery, distribution, and regional fleets are seeking to leverage the benefits of this clean, inexpensive fuel. The Cummins X12 G is a proven alternative-fuel solution, well matched to these shorter-haul applications.

For fleets that prefer big-block architecture, but need the fuel efficiency of lower power ratings, availability of the Cummins X15 provides an option for open-road applications.

Cummins X12 G **400 hp, 1450 lb-ft.**

The X12 G is a dedicated, factory-built natural gas engine based on the Cummins X12 diesel platform. Featuring the same proven EGR, spark ignition, and simple aftertreatment as the Cummins ISL G engine, the X12 G delivers strong pulling power with heavy-duty durability. The X12 G is ideal for regional-haul and LTL distribution applications with GCW ratings up to 80,000 pounds.

Cummins X15 **400-565 hp, 1650-1850 lb-ft.**

The X15 at the 400–565 hp rating is well suited for fleets in freight applications that require fuel economy and the benefits of bigger block architecture. The economy-focused engine is optimized to deliver peak torque at lower engine speeds and enable down-speeding without compromising drivability.



An automated manual transmission with digital intelligence

Volvo continues to offer the industry's most advanced automated manual transmission. The Volvo I-Shift transmission includes advanced hardware and software, and a countershaft brake for excellent performance and smooth, fast shifting. The electronic control unit can handle any load and any road, shifting perfectly every time. Our D11 and D13 models offer outstanding clutch durability and torsional dampening. This keeps fuel costs down, helps slow driveline wear, reduces noise and vibration, extends transmission life, and lowers maintenance costs.

Whether your route includes rolling hills or steep mountain terrain, Volvo's I-See predictive cruise employs self-learning knowledge of road topography to work with I-Shift, helping your drivers optimize the truck's speed and gear shifting.



Makes every driver more fuel-efficient.

The I-Shift makes drivers more productive, using intelligent electronics to continuously monitor grade, speed, weight, and engine load, shifting when necessary or holding a gear—whichever saves more fuel. So regardless of experience or training, I-Shift helps every driver become more fuel-efficient.



Eases your mind and your left foot.

Once you drive an I-Shift, you'll never want to deal with a clutch pedal again. I-Shift lets you concentrate on the road, not on what gear you're in. The Volvo I-Shift offers three individual drive modes: Extra Efficiency, Economy, and Performance. These modes allow the driver to better optimize fuel efficiency for the vehicle with desired performance.



Brains, brawn, and value.

With a D11 or D13 engine, Volvo's torque rating for I-Shift goes up to 1,900 lb-ft., so it's compatible with any Volvo engine you choose for the VNL. I-Shift can also increase your truck's resale value. If your Volvo truck was purchased with a lower engine power rating, a simple software flash can upgrade it to the highest power rating for its displacement—without having to replace the transmission.

Design changes save fuel and time.

I-Shift's redesigned transmission cooler optimizes fluid temperature in cold and warm climates, improving fuel efficiency. Connections throughout the transmission are also upgraded for faster maintenance during service stops.

**No matter the load,
we'll get you started**



When steep-grade startability and low-speed maneuverability are critical, the I-Shift with Crawler Gears is the answer for maximum GCW loads. The crawler option's additional gearing provides great startability and maintains low RPMs at cruising speeds.

The I-Shift with Crawler Gears enables controlled forward and reverse travel at extremely slow speeds. Our software optimizes shifting for high GCW applications, allowing shifting to occur at higher revs and enabling drivers to control downshifts. Running at cruising speeds is also more efficient because lower rpms are required.

Learn more: USA: VNL.volvotrucks.us | CAN: VNL.volvotrucks.ca



Revolutionary control

The revolutionary Dynamic Steering (VDS) system is now available in the VNL and other select models. Dynamic Steering offers a safer, more comfortable experience for the driver. It adds torque to reduce steering strain at low speed, both in forward and reverse. VDS also makes adjustments to improve stability at road speeds when encountering crosswinds, highway crowning, soft shoulders or emergency situations like tire failure.

The system features a powerful electric motor mounted above the hydraulic steering gear to provide additional torque when necessary. It receives input 2000 times per second from sensors throughout the truck monitoring yaw rate, steering angle, wheel speed and the driver's own actions. Optimal steering input is constantly calculated based on the conditions.



Fewer aches and pains.

The VDS system dampens vibrations from rough roads and virtually eliminates the steering corrections needed in crosswinds. It keeps the driver on a straight course through small, precise directional adjustments. Over a full day's drive this means significantly less strain on the driver's arms, shoulders and neck.



Low speed maneuverability.

Dynamic Steering provides two big advantages when turning at low speeds and reversing in tight spaces. Additional steering torque automatically feeds into the system, allowing the driver to maneuver with a light touch. The steering wheel will return to center when released, saving driving effort and bringing the vehicle into a straight line quickly and easily.



Blowout assistance.

In the event of tire blowout, the vehicle will naturally pull to the side of the deflation. Dynamic Steering makes almost instantaneous adjustments to remove up to 85% (9 lb-ft.) of the torque a driver would normally feel. This can give the driver precious time to react and bring the vehicle to a safe stop without fighting the wheel.



FUEL EFFICIENCY



The road to efficiency is paved with innovation

At Volvo, fuel efficiency is a vital part of our commitment to your business and, ultimately, to the planet we all share. That's why we're constantly challenging ourselves to find new and improved ways to make Volvo trucks the most fuel-efficient trucks on the road. Fuel efficiency is more than a single feature—it's a combination of customized solutions working together in perfect harmony to help you achieve the performance you want, with the fuel savings you need. The result is fuel efficiency custom-built to help you cut operating costs.



Sleek design Solid savings

Volvo Trucks has set the standard for aerodynamic performance in North America since 1996. That's the year we debuted our VN series, making us the first to offer a sleeper with an integrated cab. Today we continue to be a leader in cab aerodynamics, with innovative features that reduce drag and increase fuel efficiency.



Effortlessly splits the wind.

Out in front, the VNL features an aerodynamic hood, bumper, and low airflow deflector, which work together to quickly manage airflow and efficiently channel it rearward.



Low turbulence is high priority.

Up above, the roof air deflector complements the cab fairings, keeping the airflow attached and smoothing out costly turbulence between the cab and trailer.



Keeps air in the fast lane.

Down where the rubber meets the road, chasis fairings optimize airflow past the drive wheels and tractor-trailer gap.



Mirrors that put savings in focus.

The driver sees comforting wide-angle views. Your fleet sees fuel savings. The aerodynamic design of our mirror assembly reduces turbulence by attaching air more quickly to the tractor.



Controlling air doesn't stop at the cab.

The FlowBelow Tractor AeroKit™ reduces turbulence around the wheels of the tractor to reduce drag and increase fuel economy.

More savings for more applications

The Volvo D13 Turbo Compound engine now offers fuel savings for a wider variety of applications than ever before. Fleets that run variable load applications, including tanker, bulk haul and flatbed deliveries, can benefit from Volvo's next generation Turbo Compound system. Regardless of whether the trailer is fully or partially loaded, an aerodynamic VNL can provide substantial savings. Now offered standard on Volvo VNL 740, 760, and 860 models, the D13TC is 6% more fuel-efficient than our standard 2020 D13 VGT engine. And it's up to 11% more efficient when compared to 2017 truck models.



Common-rail fuel injection.

The unique design of Volvo's common-rail fuel system delivers multiple benefits. Finer control allows quicker, more accurate fuel injection for improved fuel efficiency, while a clean installation improves reliability and dramatically reduces engine noise.



Lower friction, wave piston design.

Improvements in surface finishing of the piston skirt area significantly reduce parasitic losses from friction between the piston and the cylinder bore, benefiting both power output and fuel efficiency. Our patented wave design on the face of the piston also increases cylinder efficiency by optimizing flame propagation toward the center of the cylinder for an ultra-clean burn.



One-box aftertreatment.

Volvo's "one-box" exhaust aftertreatment system offers smaller system packaging and reduces weight by 17 pounds compared to two-piece systems. The one-box configuration saves frame rail space, provides better thermal encasing of exhaust energy, and improves muffler efficiency. The use of catalyst coatings improves both low-temperature NOx conversion and long-term system robustness. Diesel Exhaust Fluid (DEF) allows the engine to use less EGR and maintain higher oxygen levels for better combustion.



Adaptive gearing and loading.

A lift axle solution for 6x2 tractor configurations, Volvo's Adaptive Loading is designed to help trucks run at peak fuel efficiency and performance every mile of every haul. From a full load, down to an empty trailer, the onboard, automated technology makes every driver a more efficient driver.



I-See with mapping puts you miles ahead

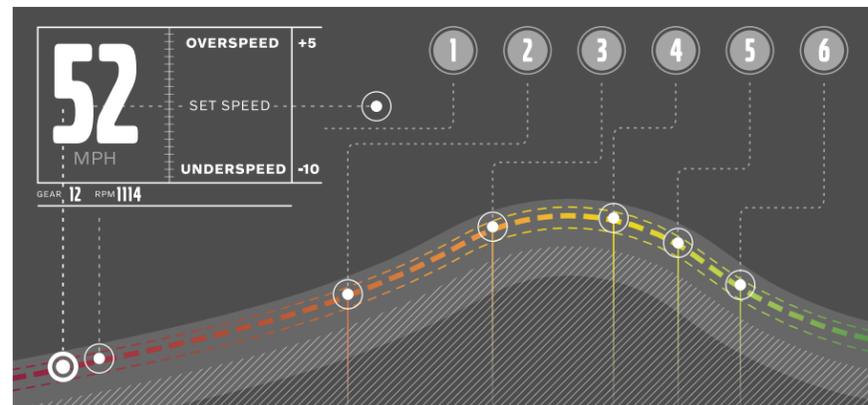
Volvo's enhanced I-See predictive cruise offers more fuel savings than ever, thanks to the addition of on-board mapping technology. The self-learning system conserves fuel by looking at the topography ahead and selecting the optimal gear and speed for the upcoming hills and valleys.

How it works.

When I-See knows a grade is upcoming, it increases speed in preparation and avoids downshifting as it reaches the top. Before the downhill slope begins, it engages Eco-Roll and lets the truck coast for optimum fuel economy before re-engaging the driveline.

On-board mapping.

The addition of map data allows the system to assist the driver in more locations and situations than ever. I-See can now help on routes that have not previously been driven by the customer, as well as on smaller roadways. This latest edition of I-See can save an additional 1% in fuel over the original system.



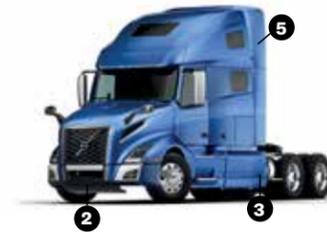
1. Accelerates to build momentum.
2. Avoids downshifting.
3. Curbs speed on the crest.
4. Coasts before the downhill with Eco-Roll®
5. Controls downhill braking.
6. Prepares for the next climb.





Cash in on fuel

With our packages, you can optimize fuel efficiency specifically for your business. These packages focus on aerodynamics and powertrain technologies to drive efficiency and savings to your bottom line. Contact your dealer salesperson today to take advantage of these offerings and customize the best option for you.

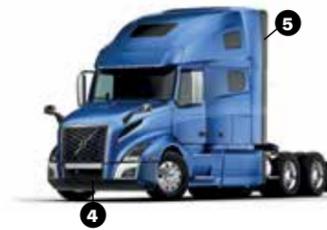


Baseline

Most commonly spec'd feature combination:

1. **D13 VGT Eco-Torque engine** - provides fuel efficiency balanced with performance
2. **Bumper with drag reduction plate** - reduces turbulence under the tractor
3. **Flared chassis fairing*** - improves airflow down side of tractor
4. **Roof fairing**** - guides airflow around the trailer
5. **Cab side fairing** - reduces the trailer gap
6. **Low rolling resistance tires** - less energy is needed for the tires to roll

*VNL 300/400 uses a partial chassis fairing.
**Only applies to the VNL 300/400/740.

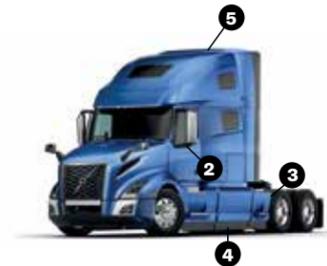


Plus Package

Includes Baseline features and:

1. **D13 XE engine*** - downspeeds at lower engine RPMs
2. **I-See Predictive cruise control** - uses the truck's momentum on rolling hills
3. **High efficiency axle**** - reduces energy loss from friction and load
4. **Bumper with full air flow deflector** - reduces turbulence under the tractor
5. **Cab side fairing with extender** - further reduces the trailer gap

*VNL 300/400 is equipped with the D13 VGT Eco-Torque engine package.
**VNL 740/760/860 only.

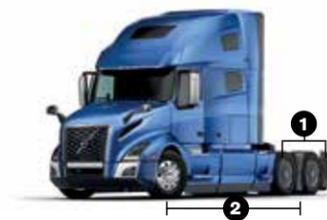


Advanced TC Package

Includes Plus features and:

1. **D13 TC engine** - the most efficient engine Volvo offers, saves fuel by using wasted heat and downspeeding
2. **Mirror arm wind deflector** - improves airflow around the mirrors
3. **Extended chassis fairings*** - improve styling and aerodynamics
4. **Ground effects** - closes the gap between the tractor and ground by 7.5 inches
5. **Trim tab** - improves air transfer from the tractor to trailer

*VNL 300 uses partial chassis fairings.



Xceed Package

Includes Advanced TC Features and:

1. **Full FlowBelow™ Aerokit** - reduces air flow turbulence from rear axles to the trailer
2. **Optimized wheelbase** - provides the optimal trailer gap, which decreases drag

*This package is only available on the VNL 760 and VNL 860.

Savings	Plus Package	Advanced TC Package	Xceed Package
Over baseline model*	Up to 4%** Improvement on fuel efficiency	Up to 12%** Improvement in Fuel Efficiency	Up to 16%** Improvement in Fuel Efficiency

*Our baseline model is equipped with the most commonly sold specifications and is the reference for our fuel efficiency numbers.
**Fuel efficiency results may vary based on model, options content, and more.

DRIVER PRODUCTIVITY



Designed with the driver in mind

To meet the needs of drivers—today and tomorrow—Volvo's VNL series offers premium working and living spaces built on a proven, solid chassis that delivers a smooth ride and precise, nimble handling. Optimized seat design and positioning, along with an ergonomic dashboard, put the driver comfortably in command, maximizing productivity.

Because every driver is one of a kind

No two drivers are exactly alike, so we set out to design a steering solution that lets drivers set the ideal height and angle, no matter who's behind the wheel. The result is Volvo's Position Perfect™ Steering. With three-way positioning—including tilting the steering wheel in relation to the column—drivers have an almost endless array of choices for positioning the wheel exactly where they prefer it.



Like riding on air.

Volvo Air Suspension on the VNL includes outboard mounted air springs, shocks, and a stabilizing rod, in one complete package, giving drivers a smoother, more stable ride.



Comfort comes standard.

To meet the comfort, health, and safety needs of your drivers, VNL seating has been refined based on extensive ergonomic research. From smallest to largest, drivers will benefit from optimized seat placement, increased range of adjustment, and more accessible controls. Our optional built-in cooler feature under the passenger seat also provides cold and convenient storage—accessible from the driver's seat—for snacks and drinks.



Modular rail system.

The modular rail system allows for the addition of up to 4 cup holders and a variety of aftermarket storage options. A storage bin or mounting platform for mobile devices is available within the system. Modular rail accessories can be configured in any combination to suit the driver's requirements.



System control, close at hand.

To keep the driver's hands on the wheel, multiple systems can be controlled through steering wheel-mounted switches. The touch-friendly switch layout enables cruise control, entertainment, and other settings to be adjusted without diverting attention from the road. The steering wheel and controls are always comfortable and close at hand thanks to a three-motion tilt/telescope wheel.



Easy in and out.

Doors are 3+ feet wide, 4+ feet high, and open a full 70 degrees for ease of access. Ergonomically-placed, internal grab handles prove the safest and most secure way in and way out of the cab.



A step up.
The VNL 760 features a telescopic ladder to provide easier access to the top bunk. Ergonomically-designed rungs make climbing in and out of the upper area more comfortable. When not in use, the ladder can be quickly stowed away.



Convenient controls.
Adjust sleeper heating/cooling and the audio system from the sleeper control panel. Need to be noticed? Just press the "panic" button to call attention to your vehicle. The control panel in the VNL 740, 760, and 860 sleepers includes controls for lighting, locks, and the inverter, as well as charging and audio ports.



Want a drink or a snack?
The VNL 740 and 760 feature the largest refrigerator of any 70" sleepers in the industry. The cabinetry is configured to work with most small microwaves, so a hot meal or a cold drink is always close at hand.

All the comforts of home

At the end of the day, drivers need a comfortable living space to relax and recharge. That's why the VNL sleepers are packed with features to make your drivers feel at home on the road.

The flat-roof VNL 400 sleeper maximizes its 118 cubic feet of space. The living area holds a surprisingly large 36"x75" wide bed in an efficient 42" long sleeper, providing a cozy spot to rest after a long day.

The 96" wide, 70" long sleepers on the VNL 740 mid-roof and VNL 760 high-roof provide a comfortable space to rest and relax. Both offer a standard 39"x81" lower bunk, with optional reclining bunk and fold-away table features. An optional 32"x78" fold-away upper bunk is also available.

For the ultimate in over-the-road comfort, look to the 77" long high-roof sleeper in the VNL 860. The high-roof VNL 860 offers a 42"x80" lower bunk and the choice of a fixed 36"x80" or fold-away 37"x78" upper bunk.

Customize your ride

The VNL's thoughtfully configured interior lets you choose from three different trim levels, all developed to stand up to the rigors of long-haul operations, while bringing premium automotive-style comfort and design into the driver's working and living environment.



Limited

The Limited trim level features walls covered in our exclusive Longspur cloth with orange accent. The door panels are completed with our finest Longspur vinyl insert.



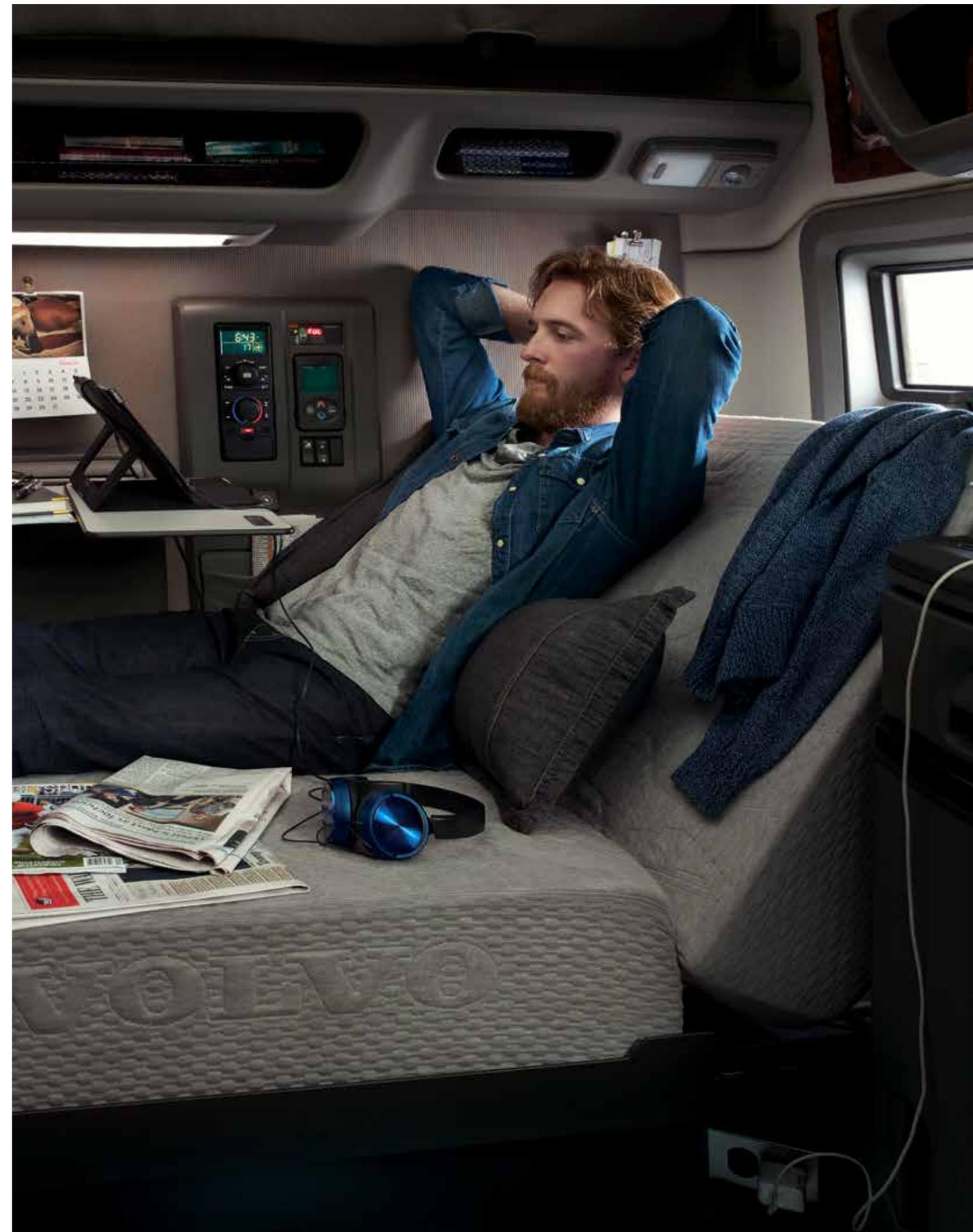
Touring

The Touring level trim package offers an interior of Heron cloth that creates a comfortable spacious feel for the driver. Door panels are accented with Wren vinyl inserts.



Fleet

The Fleet level trim package features a Heron vinyl headliner with a dot matrix pattern and complementary vinyl walls. The door panels are accented with durable Wren plastic inserts.



A man with a beard and a dark cap is driving a Volvo truck. He is wearing a dark t-shirt and blue jeans. The truck's interior is visible, including the steering wheel and dashboard. The background shows a scenic landscape with mountains and a body of water.

SAFETY

Volvo is safety

Since 1927, safety has been the guiding principle for everything we do. We invented the three-point safety belt and were the first to introduce it as a standard feature in trucks. We also introduced the driver-side airbag and are still the only truck manufacturer to include it as standard in every vehicle we make. Building on this legacy, Volvo has upgraded to standard LED lighting, and now offers seats with an optional integrated side-impact airbag for rollover protection, as well as a forward collision warning for emergency braking situations.

Volvo's commitment to safety protects your business by putting the well-being of drivers—your most valuable asset—first. Intelligent design that maximizes comfort and visibility combined with advanced safety technology helps drivers avoid or minimize accidents, keeping them safe while reducing cargo loss, downtime, and accident-related insurance costs.

Highlighting safety

Volvo employs LED bulbs for all exterior lighting, providing superior visibility and reduced maintenance. All models feature LED high/low beam headlights, as well as LED turn, marker, and parking lamps. The premium headlamp also features our signature LED daytime running light.

Volvo Enhanced Stability Technology (VEST).

By continually monitoring operating parameters, VEST detects imminent loss of control, jackknife, or rollover events. The system automatically reduces engine torque and selectively applies braking to help the driver keep the truck on course.



Volvo I-Shift transmission.

I-Shift takes away the physical and mental demands of changing gears, which reduces driver fatigue and allows the driver to give full attention to surrounding traffic.



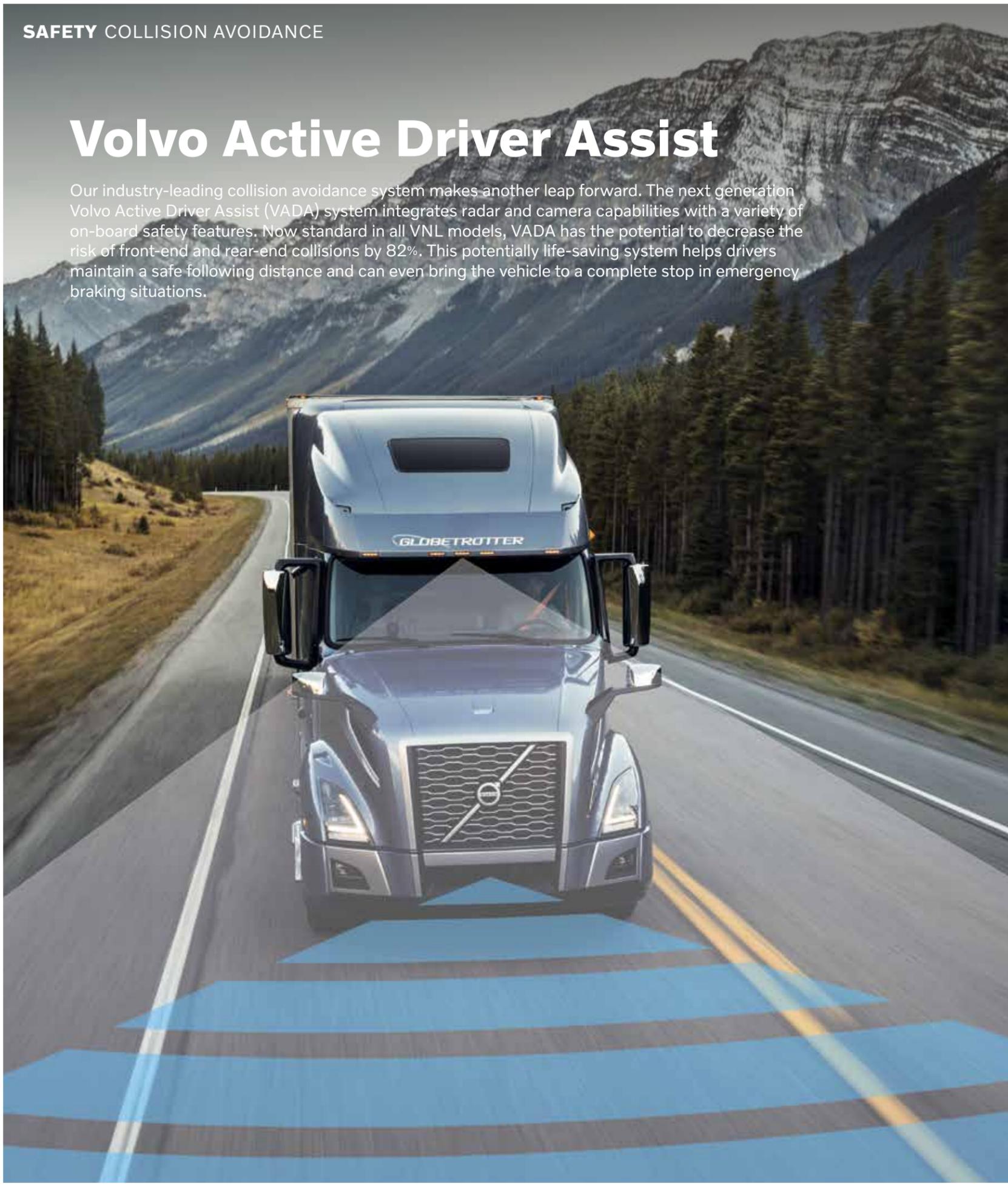
Adaptive Loading.

Adaptive Loading features a basic traction mode, which stabilizes your trailer during loading and unloading, and an enhanced traction mode which automatically provides unmatched traction on steep grades or in hazardous conditions.



Volvo Active Driver Assist

Our industry-leading collision avoidance system makes another leap forward. The next generation Volvo Active Driver Assist (VADA) system integrates radar and camera capabilities with a variety of on-board safety features. Now standard in all VNL models, VADA has the potential to decrease the risk of front-end and rear-end collisions by 82%. This potentially life-saving system helps drivers maintain a safe following distance and can even bring the vehicle to a complete stop in emergency braking situations.



Integrated Camera and Radar.

VADA brings together two important views of the road for improved safety. The system's radar monitors up to 500 feet ahead of the driver. That data is enhanced with an onboard camera that is constantly observing the road whenever the vehicle is above 5 miles per hour.



Cruise auto resume.

Should the system apply service brakes while Adaptive Cruise Control is on, the vehicle can accelerate back to the set cruising speed automatically if a safe following distance is re-established.



Blind spot radar.

A radar, mounted on the passenger side of the tractor, monitors a 150-degree field of view for traffic in the adjoining lane. An audible alert and a warning light on the passenger side A-pillar indicate when a vehicle is present.



Heads up display.

A collision warning light is projected as a red bar in the windshield when a vehicle or other object is too close. The driver is alerted up to 3 seconds before an impending event.

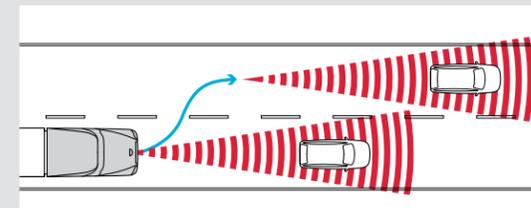


Lane and highway departure warning.

Drifting off lane can cause serious accidents. The lane departure warning tracks the road markings and provides an audible alert to the driver when they are drifting into another lane of traffic or completely off the highway.

Automatic emergency braking.

New to VADA is the ability to continue emergency braking as needed if the driver changes lanes to avoid initial danger.



VADA senses if there is no response after a driver is alerted of a potential impact. The system can react to reduce the throttle and disengage cruise if necessary. It may also downshift and apply both the engine brake and partial foundation brakes.

Leading-edge safety. Protecting your most important asset



Volvo stays on the cutting edge of safety technology, ensuring that our trucks are the safest on the road. Built to exceed the demanding Swedish Cab Safety Test, our high-strength steel (HSS) cabs have the industry's highest strength-to-weight ratio, protecting the driver by absorbing as much crash energy as possible.

Volvo is the only Class 8 manufacturer to make a driver's side airbag standard equipment in every truck. For added rollover protection Volvo offers the Rolltek® seat—combining seat belt pre-tensioners, automatic seat lowering to increase survival space, and an integral side airbag that deploys for head and neck protection.

Volvo combines advanced engineering with active and passive safety systems, exactly what you'd expect from the inventors of the three-point safety belt.





UPTIME

Ready for whatever lies ahead

You know better than anyone that every second of uptime equates to increased revenue, productivity, and opportunities. That's why you need a transportation solutions partner that offers innovative ideas to help you keep trucks on the road and money in your pocket.

Volvo Trucks Uptime Services offer a unique suite of products and services designed to give you unprecedented control over fleet operations. Maximize uptime, increase maintenance efficiency, and protect your trucks with protection plans customized to your needs. Nothing can slow your business down when you know the road ahead.



With you every minute, every day

Remote Diagnostics can help avoid unexpected downtime with 24/7 monitoring of your Volvo engine, I-Shift, and aftertreatment. Standard in every Volvo-powered truck, Remote Diagnostics offers a range of unique benefits, including enhanced proactive diagnostics, detailed analysis of critical fault codes for repair planning, immediate communication if actions are required, and streamlined service procedures. It's a powerful service that reduces average diagnostic times by 70% and average repair times by 22%.

With a dedicated team of professionals available around the clock at Volvo's world-class Uptime Center in Greensboro, NC, Volvo goes beyond diagnostic technology to deliver actionable solutions.



The Volvo Uptime Center.

Real people. Real solutions. Real fast. The Volvo Uptime Center offers around-the-clock assistance anywhere in the United States and Canada. Within minutes, your driver is connected to a member of Volvo Action Service, a team of highly trained uptime experts who can quickly manage service, schedule repairs, and tackle any other issue that happens on the road.



Updates on the fly.

Remote programming allows drivers to update parameters and software to enhance truck performance. With the new driver display activation, when updates are available, an icon will flash on the instrument cluster screen. The driver can activate the update at the next regular stop via the truck's instrument cluster. Updates are usually just minutes and can be done with no downtime.



ASIST service management platform.

Everything you need, all in one place. ASIST is a simple-to-use, web-based tool that lets you monitor vehicle status, receive electronic estimates, approve repairs, issue purchase orders, and communicate directly with your dealer—regardless of your truck's location.



Premium Maintenance Plan.

For best results, plan ahead. Preventive maintenance plans improve vehicle uptime, increase productivity, and provide peace of mind by making sure all required maintenance is done efficiently and done right. Choose from a full menu of services and get access to Genuine Volvo Parts, warranty adjustments, service programs, and performance updates at pre-planned maintenance intervals.



Volvo Protection Plans.

The road can be unpredictable. Always know you're covered. Take the worry and stress out of unforeseen repairs and effectively manage costs over the life of your truck with an extended warranty through a Volvo Protection Plan. We offer a variety of plans covering the engine or chassis that can be customized to your needs—you choose the length and extent of coverage that best suits your specific application.

No matter where, we're there to support your business

Our world-class dealer network means your trucks are never far from the quality care and maintenance you expect when you buy a Volvo truck. With more than 430 dealer locations across North America, Volvo Trucks Uptime Services help you through every step of a service event and make sure your trucks stay where they belong—on the road.

Repairs are done fast and accurately by highly trained Volvo specialists. Our parts-expediting team locates the parts you need quickly—making sure they are there when you need them.

Your time means money. Volvo Trucks Uptime Services are here to save you both.



Certified Uptime Dealers.

Certified Uptime Dealers expedite critical repairs. With the truck's remote diagnostic data already in hand, a technician can immediately diagnose the truck. If the repairs require less than four hours of service time, the truck is fast-tracked, so we can help you get back on the road within hours.





Choose your Volvo VNL

Every business needs a truck tailored to its specific needs. That's why the Volvo VNL provides endless possibilities. With a wide range of cab sizes, powertrain choices, and interior trim levels, you'll find all the options you need. Your dealer will happily guide you in finding the perfect truck for your operation. Ask if our additional safety and fuel efficiency packages are appropriate for your application.

STEP 1:

Choose your cab.

Daycab or sleeper; flat-roof, mid-roof, or high-roof; if your routes need a proven, profitable, long-haul performer, there's a Volvo VNL cab/sleeper configuration that will keep your drivers productive and meet the unique needs of your business.

STEP 2:

Choose your powertrain.

Volvo's engines and I-Shift transmission leverage innovative hardware and extensive integration to maximize efficiency, getting the most power out of every drop of fuel. For applications that require specialized powertrains, Volvo also works closely with Cummins, Eaton, and Allison to offer a full range of options.

STEP 3:

Choose your interior.

The VNL's thoughtfully configured interior lets you choose from three different trim levels and seven different seats, all developed to stand up to the rigors of long-haul transport operations, while bringing premium automotive-style comfort and design into the driver's working and living environment.

SPECIFICATIONS



STEP 1:

	<input type="checkbox"/> VNL 300	<input type="checkbox"/> VNL 400	<input type="checkbox"/> VNL 740
Description	Daycab designed to provide outstanding performance for short-haul deliveries.	Flat-roof sleeper designed for longer hauls requiring overnight rest to maintain hours of service compliance.	Spacious midroof sleeper designed for hauls requiring multiple overnight stays.
Applications	Truck Load/ Short Haul	Truck Load/ Hours of Service	Long Haul/Tanker/ Bulk/Flat Bed
Cab Type	Daycab	42" Sleeper	70" Sleeper
Interior Height	61"	61.5"	75.2" between seats, 80.7" rear of sleeper
Interior Width	83.5" door-to-door	83.5" door-to-door with 75"x36" mattress	83.5" door-to-door with 81"x39" mattress
Wheelbase per axle configuration	146" and up 4x2 170" and up 6x4	173" and up 4x2 182" and up 6x4	197" and up 4x2 215" and up 6x4
Wheelbase: Alternate Configurations	146" and up 6x2 Tag 193" and up 6x2 Adaptive Loading	211" and up 6x2 Adaptive Loading	238" and up 6x2 Adaptive Loading



	<input type="checkbox"/> VNL 760	<input type="checkbox"/> VNL 860
Description	A long-haul sleeper built to deliver reliable performance mile after mile.	Our premium long-haul sleeper. Providing comfort without compromise.
Applications	Long Haul/Van Trailer	Premium Long Haul/Van Trailer
Cab Type	70" Sleeper	77" Sleeper
Interior Height	81.5" between seats, 100.2" rear of sleeper	81.5" between seats, 102.2" rear of sleeper
Interior Width	83.5" door-to-door with 81"x39" mattress	83.5" door-to-door with 79"x42" mattress
Wheelbase per axle configuration	197" and up 4x2 217" and up 6x4	228" and up 4x2 223" and up 6x4
Wheelbase: Alternate Configurations	191" and up 6x2 Tag 238" and up 6x2 Adaptive Loading	248" and up 6x2 Adaptive Loading

SPECIFICATIONS



STEP 2:

	<input type="checkbox"/> VOLVO D11	<input type="checkbox"/> VOLVO D13
Ratings:	385-425 hp / 1450-1550 lb-ft.	405-500 hp / 1450-1850 lb-ft.
Base Engine Configuration	4 cycle / Inline Six	4 cycle / Inline Six
Emissions	Selective Catalytic Reduction (SCR)	Selective Catalytic Reduction (SCR)
Aspiration	Sliding Nozzle Variable Geometry Turbocharger	Sliding Nozzle Variable Geometry Turbocharger
Cam / Valve Configuration	SOHC / 4 Valves per Cylinder	SOHC / 4 Valves per Cylinder
Cylinder Head	One-Piece Rigid Deck Cylinder	One-Piece Rigid Deck Cylinder
Injection System	Common-Rail	Common-Rail
Maximum Fuel Injection Pressure, psi (bar)	35,000 (2,400)	35,000 (2,400)
Rating Uprateability	Software Only, Throughout Range	Software Only, Throughout Range
Displacement, cu. in. (L)	661 (10.8)	780 (12.8)
Compression Ratio	17:1	17:1
Bore & Stroke, in. (mm)	4.84 x 5.98 (123 x 152)	5.16 x 6.22 (131 x 158)
Cylinder Spacing, in. (mm)	6.06 (154)	6.61 (168)
Full Dress Dry Weight, lb. (kg)	2259 (1025)	2605 (1182)
Fuel and Lubrication:		
Fuel Specification	Ultra Low Sulfur Diesel, 15 ppm	Ultra Low Sulfur Diesel, 15 ppm
Fuel Filters	Primary plus Secondary	Primary plus Secondary
Total Lube Oil Capacity, qts. (L)	38 (36)	42 (40)
Oil Filtration	Two Full Flow, One Bypass	Two Full Flow
Oil Drain Interval, Normal Service, miles (km)	60,000 (96,561)*	60,000 (96,561)*
Oil Specification	Volvo VDS-5.0, SAE 10W-30	Volvo VDS-5.0, SAE 10W-30
FLOCS Oil Drain Kit	Optional	Optional
Engine Equipment:		
Air Compressor, CFM	Two Cylinder, 31.8	Two Cylinder, 31.8
Retarder	Volvo Engine Brake (VEB)	Volvo Engine Brake (VEB)
Engine Brake Rating at 2200 rpm	420 hp @ 2200 rpm	500 hp @ 2200 rpm
Engine Brake Rating at 1500 rpm	266 hp @ 1500 rpm	350 hp @ 1500 rpm
Engine Brake Weight, lbs. (kg)	25 (12)	25 (12)
PTO Port for Live Rear PTO Pump or Shaft	Optional	Optional
Preheater, Electrical	Optional	Optional

* Volvo branded VDS-5.0 oil and > 6 mpg.



	<input type="checkbox"/> VOLVO D13TC	<input type="checkbox"/> CUMMINS X-15
Ratings:	405-455 hp / 1450-1850 lb-ft.	400-565/1450-1850 lb-ft.
Base Engine Configuration	4 cycle / Inline Six	4 cycle / Inline Six
Emissions	Selective Catalytic Reduction (SCR)	Selective Catalytic Reduction (SCR)
Aspiration	Fixed Geometry Turbocharger	Sliding Nozzle Variable Geometry TurboCharger
Cam / Valve Configuration	SOHC / 4 Valves per Cylinder	SOHC / 4 Valves per Cylinder
Cylinder Head	One-Piece Rigid Deck Cylinder	One Piece Rigid Deck Cylinder
Injection System	Common-Rail	Common-Rail
Maximum Fuel Injection Pressure, psi (bar)	35,000 (2,400)	35,000 (2,400)
Rating Uprateability	Software Only, Throughout Range	Software Only, Throughout Efficiency Series Range (400-500 hp)
Displacement, cu. in. (L)	780 (12.8)	912 (14.9)
Compression Ratio	18:1	19.6:1
Bore & Stroke, in. (mm)	5.16 x 6.22 (131 x 158)	5.29 x 6.65 (137 x 169)
Cylinder Spacing, in. (mm)	6.61 (168)	6.61 (168)
Full Dress Dry Weight, lb. (kg)	2635 (1195)	N/A
Fuel and Lubrication:		
Fuel Specification	Ultra Low Sulfur Diesel, 15 ppm	Ultra Low Sulfur Diesel, 15 ppm
Fuel Filters	Primary plus Secondary	Primary plus Secondary
Total Lube Oil Capacity, qts. (L)	38 (36)	55.9 (52.9)
Oil Filtration	Two Full Flow	One Full Flow
Oil Drain Interval, Normal Service, miles (km)	60,000 (96,561)*	50,000 (80,000)
Oil Specification	Volvo VDS-5.0, SAE 10W-30	CK-4
FLOCS Oil Drain Kit	Optional	Optional
Engine Equipment:		
Air Compressor, CFM	Two Cylinder, 31.8	Single Cylinder, 18.7
Retarder	Volvo Engine Brake (VEB)	Cummins Engine Brake
Engine Brake Rating at 2200 rpm	500 hp @ 2200 rpm	527hp @ 2100 rpm
Engine Brake Rating at 1500 rpm	347 hp @ 1500 rpm	473hp @ 1500 rpm
Engine Brake Weight, lbs. (kg)	25 (12)	15 (17)
PTO Port for Live Rear PTO Pump or Shaft	Optional	Optional Flywheel Housing available
Preheater, Electrical	Optional	Optional Ether Injection

* Volvo branded VDS-5.0 oil and > 6 mpg.

SPECIFICATIONS

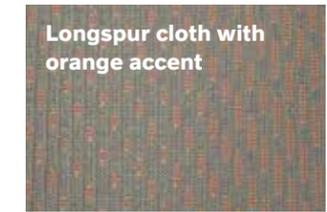


	<input type="checkbox"/> VOLVO I-SHIFT I-SHIFT FOR SEVERE DUTY I-SHIFT WITH CRAWLER GEARS	<input type="checkbox"/> EATON FULLER 10, 13, 18	<input type="checkbox"/> ALLISON 6 SPEED AUTOMATIC
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Description	Automated Manual Transmission	Manual and Automated Manual Transmission	Automatic
Dry Weight w/ clutch and oil cooler (lbs.)	720 or 805	541 to 978	831
Max Torque Capacity (ft-lb) / (NM)	1900 (2600)	2050 (2779)	1770 (2400)
Transmission Housing Body	Aluminum	Aluminum/Cast Iron	Aluminum
Max Highway Weight (lbs)	220,000*	140,000*	Manufacturer Approval Required
Predictive Cruise Control	I-See	No	No
Software based upgrades available	Yes	Yes	Yes
Overall gear ratios	14.94 to 41.08	14.80 to 19.72	NA**
Forward Gears	12, 13, or 14	10, 13 or 18	6
Reverse Gears	2 to 6	2 to 4	1

* Requires application approval.

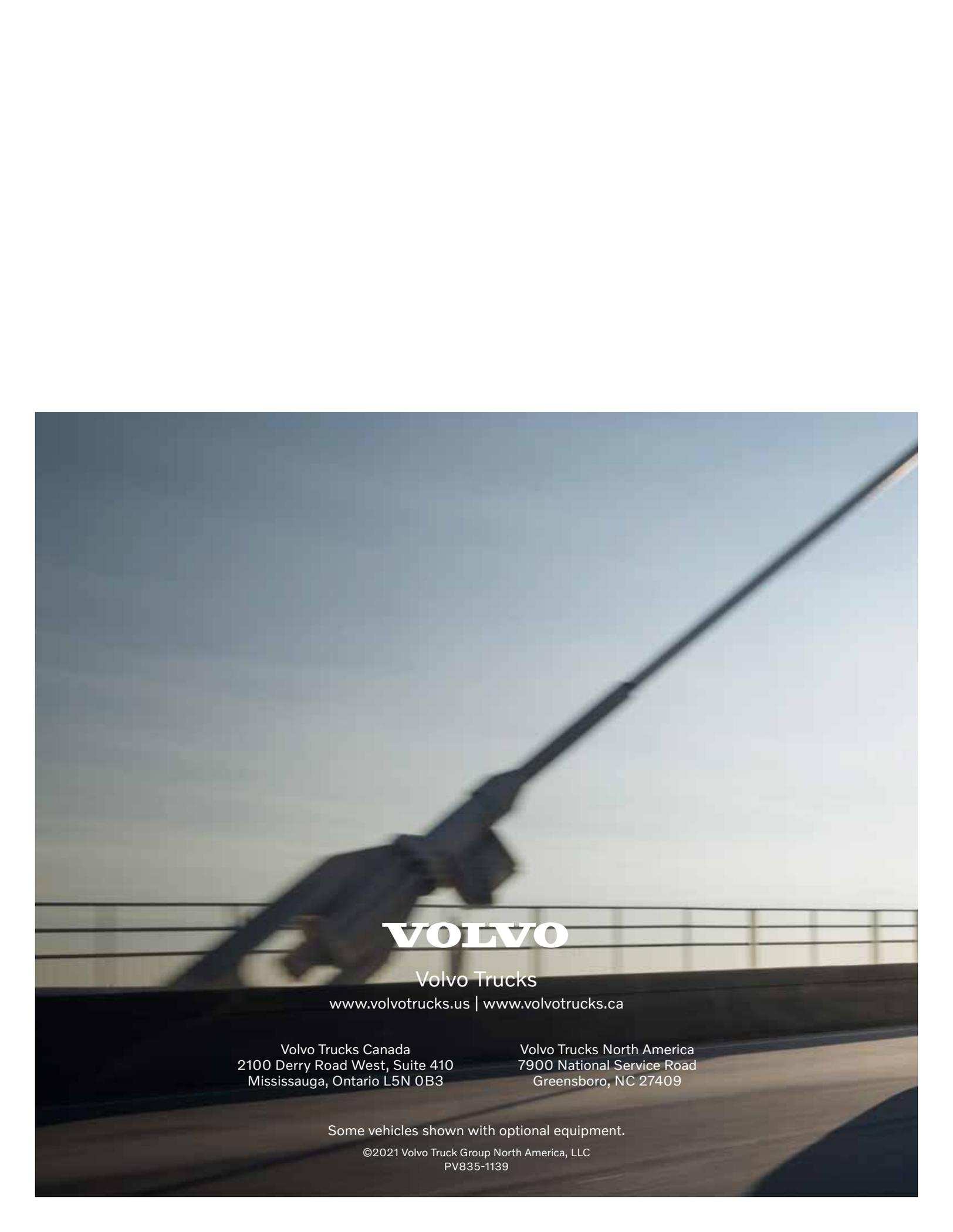
** Torque converter.



STEP 3:

	<input type="checkbox"/> FLEET TRIM LEVEL	<input type="checkbox"/> TOURING TRIM LEVEL	<input type="checkbox"/> LIMITED TRIM LEVEL
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Description	Fleet Trim Level	Touring Trim Level	Limited Trim Level
Description	Our Fleet Trim Level is designed for maximum durability to withstand the wear associated with high-use applications. The Fleet Trim Level I is available in VNL 300, 400, 740, and 760 models.	Touring Trim Level features a Heron cloth finish throughout the cab, with touches of Wren vinyl for a more refined interior. The Touring Trim Level is available in all VNL models.	The Limited Trim Level offers luxurious options in every corner, including Wood Grain trim for the dash and cabinetry. The Limited Trim Level is available in all VNL models.
Headliner	Heron vinyl with dot pattern	Heron cloth	Heron cloth
Back Wall	Heron vinyl	Longspur cloth with metallic accent	Longspur cloth with orange accent
Door Insert	Wren molded plastic	Wren vinyl	Longspur vinyl
Instrument Panel Decorative Trim	Hex Grain	Hex Grain	Wood Grain
Cabinet Trim	Hex Grain	Hex Grain	Wood Grain
Seat Options	Seven	Seven	Seven
Floor Insert Options	Two	Two	Two



VOLVO

Volvo Trucks

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Some vehicles shown with optional equipment.

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