VOLVO



VNR

Product Guide

Volvo Trucks. Driving Progress.





Own the day

The all-new Volvo VNR is the most versatile solution for local and regional haul we've ever created. From urban delivery to bulk hauling this is the truck your daily routes demand. The VNR is filled with hundreds of next-generation features you can use to improve your productivity and profitability.

These highlights are just the beginning of the VNR story:

- Industry firsts in safety like the E-Call emergency response system and side curtain airbags
- Revolutionary aerodynamics and powertrain innovations that improve fuel efficiency by up to 7.5%
- The first-of-its-kind Volvo Blue Service Contract with predictive maintenance that helps you reduce downtime
- Interior and exterior design conveniently packaged into trim levels to help you turn heads and profits





VNR 300

The new VNR 300 day cab features an amazingly tight turning radius, making it one of the most maneuverable Class 8 day cabs. It's the number one choice for urban routes with multiple stops and tight delivery areas. The 300 day cab is available as a flat roof or with one of two optional roof fairings: 12'6" (shown) or a full 13'6".



VNR 440

This compact midroof sleeper is designed to maximize comfort and fuel efficiency for runs that require a night or two on the road. The sleeper provides efficient storage space, including an optional upper storage shelf, and accommodates a 35-inch-wide twin mattress to make hours of service compliance easier.



VNR 640

The 640 is our largest VNR midroof sleeper and perfectly meets the needs for varying weight applications like bulk and liquid tankers. The 62" sleeper area packs an impressive array of amenities, including an optional refrigerator and space for a microwave, as well as a full 39-inch-wide standard twin mattress.



VNR 660

The VNR 660 is the premium regional haul sleeper in North America. It's large enough to keep drivers happy for nights on end. This 62" high roof sleeper maximizes load capacity for general freight applications while offering a spacious and restful living environment. Our industry-exclusive reclining bunk option is available in larger VNR sleepers.



VNR Straight Truck (Day cab and Sleeper options)

An ideal solution for local and regional applications requiring an added body such as a flat bed, rolloff bed, or box van. Our straight trucks are available with a day cab or any of our three VNR sleeper models. Regardless of your cab selection, this chassis provides an excellent foundation for body builders to customize a VNR to your operation.



CORE TRIM LEVEL

Ready for the grind

Our Core trim option is ideal for carriers with multiple drivers or applications with frequent cab entry and exit. Choosing the Core trim level signals to your customers that they can expect hard work and dedication when you show up. The clean and durable design choices featured in our Core trim are sensible and straightforward.

These trucks are made for high levels of wear and tear.

Exterior design

Core is a practical and stylish choice with many exterior trim features that never require painting during repair or replacement. The bumper is metal and painted to match the rest of the black exterior trim. Other trim elements are made from highly durable polymer components with mold-in color. So high-wear areas—like the chassis fairing, side bumpers, handles, and mirrors—are designed to keep looking their best mile after mile.

Interior touches

Inside the cab, Core is more than ready for tough delivery routes. The Fathom Blue and Logan Grey color scheme is easy to clean and hides the use that comes with multiple daily stops. Door panels, kick panels, and dash are all made of tough molded polymers. Core trim level comes with our standard technology and amenity packages, but an upgraded package is also available.









EDGE TRIM LEVEL

Time to step up

The Edge trim option offers design touches like Race Runner Green accents and brushed satin metallic trim. Edge comes standard with a host of popular features. You get all the amenities of our standard technology package plus upgrades like fog lamps and cornering lamps.

Exterior design

The bold styling begins with a gloss black grille and a Satin Chrome surround. The air intakes and stylish chrome-plated metal bumper continue the eye-catching look. Cab mirrors, hood mirrors, and chassis fairings all provide a more refined image in matching body color paint.

Interior touches

On the inside, Edge is dynamic. The dash and cabin are Fathom Blue with Brushed Satin Metallic trim. Race Runner Green accents provide highlights throughout the truck. The dash topper and integrated door armrests are soft-touch with a Gecko texture. While the steering wheel is leather-wrapped with matching green stitching.

Safety drives everything

Volvo Trucks is the only Class 8 OEM that's committed to a vision of Zero Accidents, because it's the only number that's acceptable. It's a never-ending process, but it drives continuous development of new safety features. That Zero Accident vision led to the all-new VNR being one of the safest trucks we've ever built in North America.

The VNR features the Volvo Active Safety Platform.

This allows our proprietary technologies to work together seamlessly. The new VNR features 90% new components and when you build a truck from scratch, you can integrate safety systems from the start. We were able to fully envision all systems working together, giving drivers more tools than ever to help mitigate accidents before they occur.

You can choose a VNR equipped with either our standard or advanced safety package for accident avoidance:

Volvo Active Driver Assist (VADA) Standard Package Long-range forward pedestrian detection and mitigation Forward collision warning and mitigation Lane departure warning Adaptive cruise control with stop-and-go Automatic emergency braking

 $\it Volvo$ Dynamic Steering may be added as an option on the standard $\it VADA$ package

VADA Plus Optional Advanced Package

All standard VADA package elements **plus**:

Volvo Dynamic Steering with oversteer guidance

Lane keep support

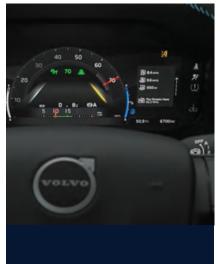
Lane change support alert (blind spots)

Short-range, passenger-side pedestrian detection system (alert only)

Forward pedestrian detection

Drivers can now benefit from an extra set of "eyes" in congested urban areas. The combination of camera and radar system provides long-range detection of pedestrians ahead. Alerts warn the driver when a pedestrian or object may be in their path.



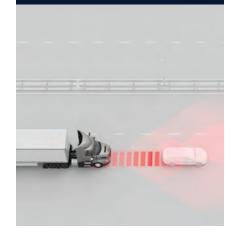


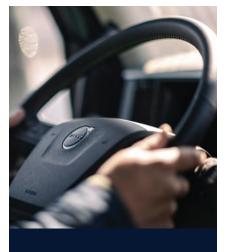
Alerts

Visual and audio alerts help course correct lane drift and drowsy driving for safer travel. Some alerts are configurable, allowing you to temporarily silence them in situations like construction zone driving, where sudden lane changes need to be made.

Adaptive cruise control

Adaptive Cruise Control allows you to set and maintain a safe speed. It identifies vehicles ahead, calculates speed, and adjusts as needed. The stop-and-go function can apply the brakes and bring the truck to a complete stop if needed, and then resume driving if traffic starts moving within two seconds.





Volvo Dynamic Steering (VDS)

Our next generation VDS
automatically improves stability
for crosswinds, highway crowning,
soft shoulders, or emergency
situations like tire failure. VDS
with Oversteer Guidance can also
assist the driver with rapid, minute
adjustments to reduce the risk of
rollovers or jackknifes.



The system detects when other road users enter, like pedestrians or cyclists. It informs the driver via a solid light in the A-pillar or CMS and flashes with audible warnings if the turn signal is activated or the vehicle is turning.

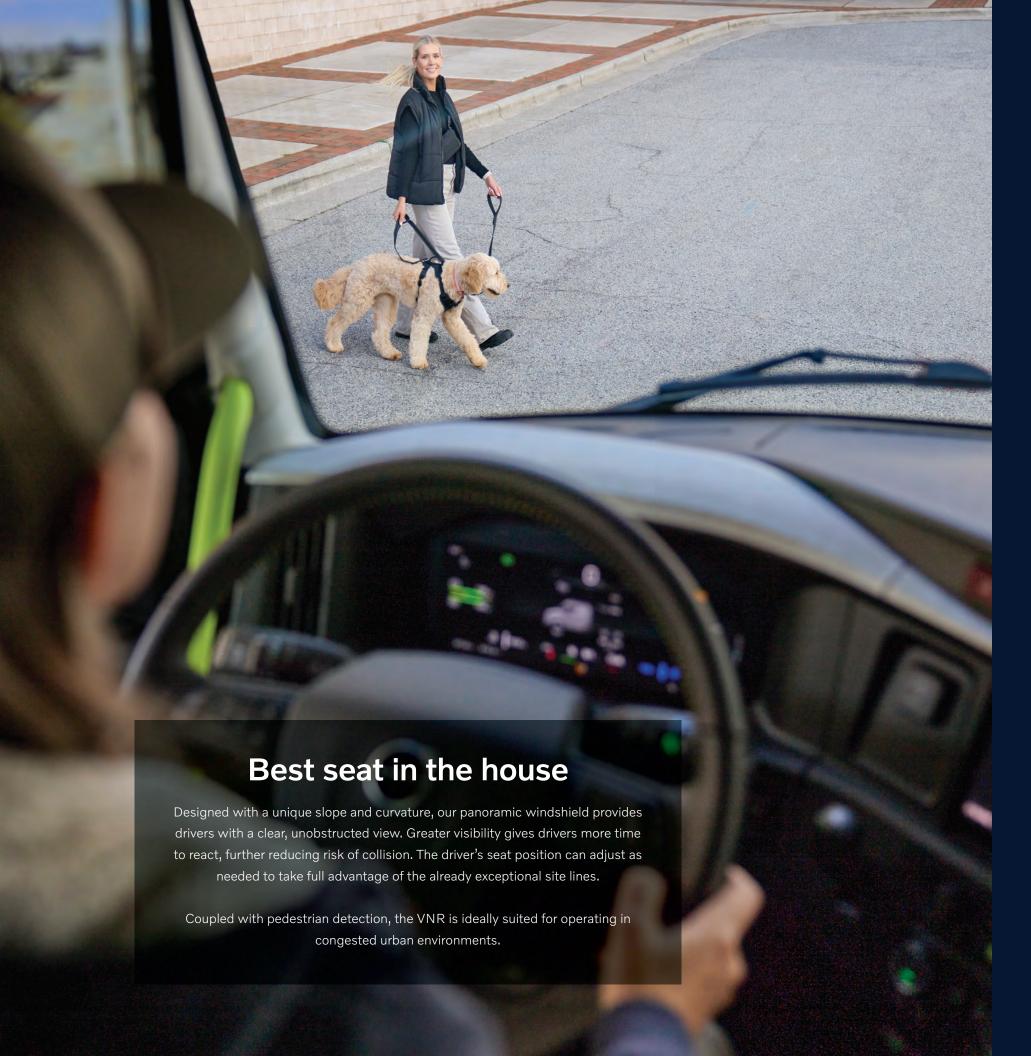
A driver-side option is available.





Automatic Emergency Braking

If a potential accident is detected, the warning system is activated. If the driver does not respond to the warning system, braking will be automatically activated. The vehicle brakes gradually at first, but as the truck gets closer to the hazard, the system will bring the vehicle to a complete stop.





Camera Monitor System

Our optional, fully-integrated Camera Monitor System (CMS) can replace traditional side mirrors. It provides superior visibility for safer lane changes and backing. The system can include an optional down-view camera on the passenger side. CMS features infra-red technology for low-light operation and digital reference lines to track the trailer.



Additional cameras

A camera positioned at the back of the cab provides an excellent view of the chassis and fifth wheel, making trailer connections much easier. The optional multi-camera system can provide views on the infotainment screen from up to six additional camera positions, such as the kingpin or cab side.



Intelligent lighting

Automatic high beams turn on and off based on surrounding light environment to deliver optimal driver visibility. Cornering lamps anticipate needed sightlines, providing additional lighting for entering or exiting curves and turns at low speeds.



Road Sign Recognition

A forward-looking camera can recognize many common road signs ahead of time and display them right in the instrument panel. Drivers can also receive overspeed warnings, based on the last posted speed limit sign identified.



Ergonomic design

The less a driver is reaching in the cab, the more they can concentrate on the road. So, we put controls at their fingertips. including a stalk-mounted shifter. Then we made the seat, the wheel, the switches, and even the cupholders customizable to further eliminate stretching.

Emergency calling

In an industry first, Volvo's new E-Call is designed to make an automated call to emergency services or the 911 operator if the truck experiences a rollover or airbag deployment. As long as cell coverage is available, E-Call can automatically share that a collision has occurred along with location information.

No driver initiation is required and E-Call operates independently of the driver's mobile phone. With an active SIM card in the Volvo Telematics Gateway, the system can provide a call back number to the cab for emergency services. In addition to the automatic call, you can also choose a manual SOS switch for driver use as well. The optional switch allows drivers to connect to 911 to request help for themselves or others on the road.



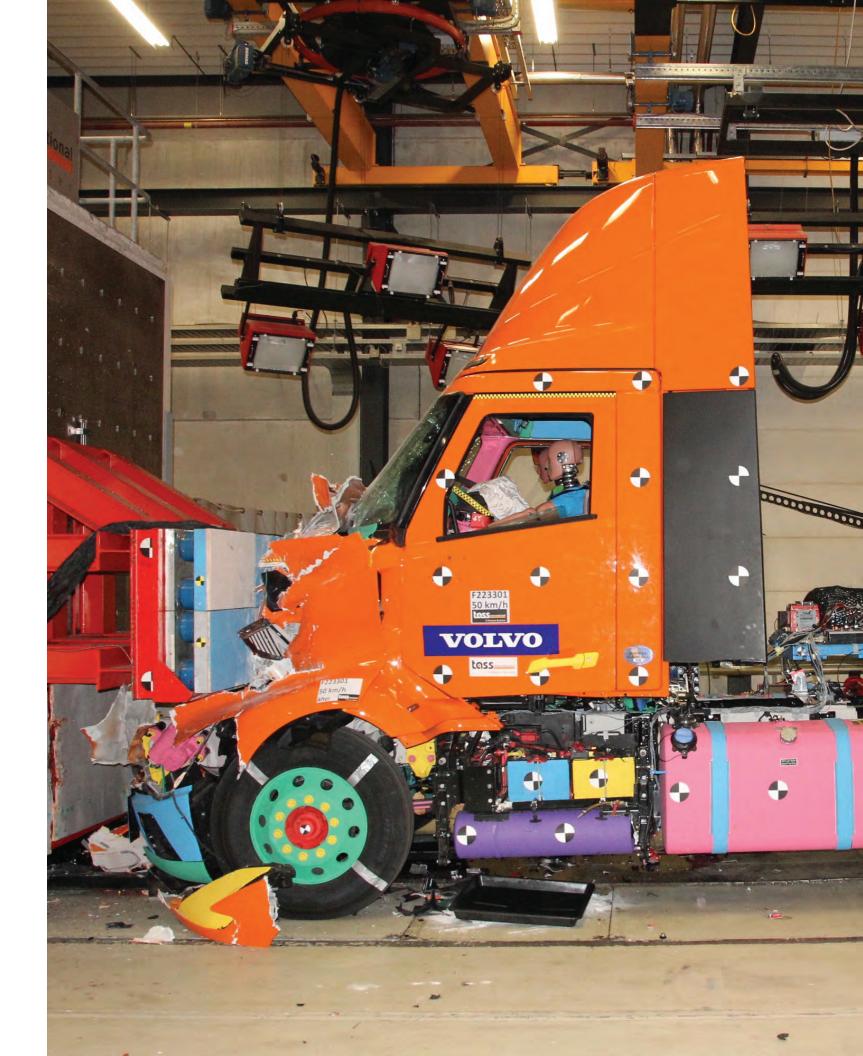
Reinforced door hinges

Our strongest-in-industry door hinges can withstand even the most severe impact. The hinges and latches are designed to keep doors securely shut during a crash, but opened afterwards so drivers can safely exit.



Side curtain airbags

Optional side curtain airbags are available for both the driver and passenger side, to reduce the risk of severe head and neck injuries. These side curtain airbags complement our standard driver airbag located in the steering wheel.





A truck that's a natural extension of you

As soon as you sit down and put your hands on the wheel, you'll feel that seamless connection. Everything where you want it and how you need it.

The instrument clusters are bright and easy to find. The displays are big and dynamic.

Your most common functions are right there on the steering column.

Experience a suite of improvements that take truck driving to new places.

Key fobs to trigger approach lighting, improved pedal positions, a driver-side window pull-down sunshade, and an overall quieter cab.

The seat, the wheel, the switches, even the cupholders are customizable. Decreased reaching and stretching reduces fatigue and improves the driving experience—because that's how we designed it.



Position Perfect Steering

Volvo was first to offer a steering column with three-way movement: column tilt, column telescope, and neck tilt. This lets drivers position the steering wheel where they are most comfortable. The latest version of Position Perfect Steering is easier to control. The customizable steering wheel position paired with Volvo Dynamic Steering improves driver comfort and reduces fatigue in the neck, shoulders, and back.



Stalk-mounted shifting

Today's drivers demand a more comfortable driving experience. Logical placement of controls and improved ergonomics are a must. Gear selection and engine braking right on the stalk are standard. Our premium shifter also puts gear shifting right at the driver's fingertips. This intuitive placement decreases the need for reaching and reduces distractions while operating the vehicle.



Driver information display and infotainment center

The cab can include two large, full-color screens, putting information at the driver's fingertips. The twelve-inch driver information display is located directly in front of the driver. Navigation and digital gauges, including I-Shift transmission oil levels and suspension loading, are here to keep focus forward. The optional, nine-inch infotainment center is found on the wraparound dash. Compatible with Apple and Android devices, it offers ELD support and an integrated driver's manual. Multiple camera views can be integrated with the infotainment center.



Smooth and stable ride

Volvo's legendary ride gets even better thanks to our redesigned cab suspension and rear suspension systems, which keep the cab level and more vibration-resistant. The improvements continue with new engine and cab mounts. Electronically-controlled airbags and vertical shocks are available in the optional Global Rear Air Suspension, to counteract frame lift and chassis movement. The final result is less road impact on the driver and a smooth, quiet ride.

Complete control

Whether you prefer the cabin summertime warm or cooled to an artic chill, complete climate control is simple in the all-new Volvo VNR. It's easy for drivers to achieve precise settings using the electronic control panel to heat or cool the truck. A mirrored control panel is located on the back wall for convenience in every VNR sleeper model.

Improved insulation

Each new VNR cab is standard with 30% more insulation than our legacy model. This helps with heating and cooling, as well as noise reduction. An optional upgrade to the insulation provides an 82% increase over the previous VNR.

Heating options

A short-stop heater can be selected for the VNR day cab. While an optional 2kW (7,500 BTUs) diesel-fueled parking heater can be chosen for any sleeper model to warm the bunk area.

Comfort comes standard

The VNR offers three seat choices, each designed to enhance driver comfort. New inboard driver's seat controls simplify seat adjustments and include height control, lumbar support, seat slide, tilt and recline. Optional features include heat, massage, and additional shock absorbers depending on the seat model selected.







Sleeping area

The VNR sleeper offers one of the industry's largest mattresses, making quality sleep easier. Drivers don't have to sacrifice comfort with our regional haul sleepers. Our 660 and 640 models offer the option of our reclining mattress, the only one available in the industry. Mattresses can be ordered in two levels of firmness and the upper bunk can be converted to additional storage thanks to the load-protection lip and pull-up cargo net.



Cabinets

Volvo has a well-earned reputation for spacious, smart storage solutions. We continue the tradition with expanded storage in every VNR model. The cabinets feature solid construction and high-end finishes. Drivers will appreciate the latch system for secure storage and the convenient wardrobe unit tucked behind the driver seat.



Curtain and shades

VNR sleepers feature an overlapping curtain that virtually eliminates light in the cabin. The combination of curtain and airplane style window shades give the driver full control over their sleep environment. The sleeper curtain features a magnetic strip in the middle to provide easy access with the ability to completely seal out light.



Our new lighting system is designed to reduce glare and create a relaxing sleeping environment. VNR sleepers all come standard with our base interior lighting package. This includes overhead, footwell and backwall mounted lamps.

Keep it simple

Whether doing a pre-trip inspection, simple maintenance, or maneuvering to a delivery site, drivers love a truck that's easy to work in and around. No heavy lifting, no brain teasers. Just simple operation that lets them quickly get back to the route. The VNR delivers in every way.

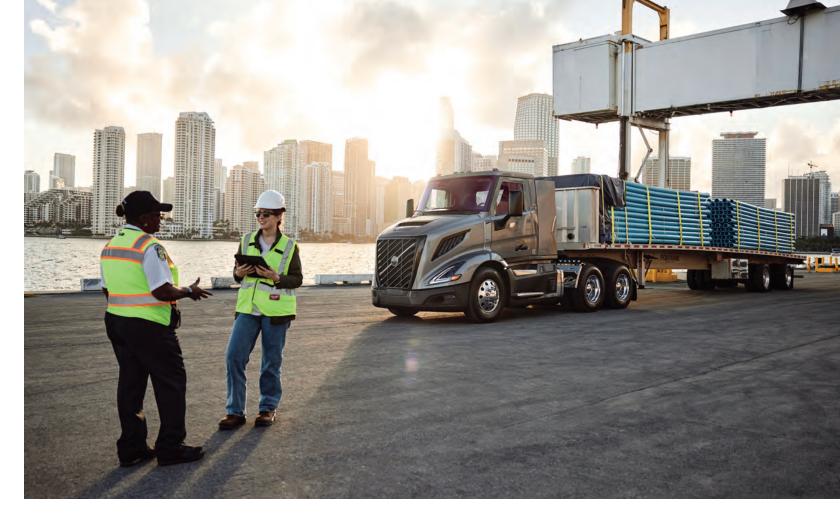
The electronic parking brake offers both auto-activate and auto-release functions. When the truck detects no driver activity and the door opens, a safety alarm sounds. Then the auto-activate function engages the parking brake. If the truck is placed in gear and the accelerator is pressed before the brake has been released, the auto-release function activates.

The standard tire monitoring system provides low battery warnings on valve sensors, along with general pressure and temperature warnings with specific truck tire location information. The optional, advanced monitoring system will auto locate tires as they are moved during rotations and when replacements are made.

Volvo's improved Electronic Controlled Suspension (ECS) now can include a remote control to make trailer hookup and drop easier than ever. The tethered remote allows drivers to stand outside the cab and control the ECS drive level or make height adjustments.

The chassis fairings are reliable and intuitive with quick-release latches. It takes less effort to open and close the fairings for optimum access to the chassis. They fasten easily and securely, reducing the chance of damage due to an unlocked fairing. We've optimized the fuel and DEF necks, bringing them closer together on the cab so they are easier to access during fill-ups.

Access has not been sacrificed for fuel efficiency. The back of the cab is much easier to work around thanks to the new foldable side fairing extender design and improved cable storage locations. Back of cab access and safety are improved with optional rigid steps and high-visibility grab handles.













Streamlined, even when it's standing still

Our aerodynamic improvements for the VNR series aid the significant increases in overall fuel efficiency. These design innovations deliver nearly half of the savings you'll see in your fuel costs.

Let's start at the front of the truck and dive into the hood. Behold an optimized wedge-shaped cab and shrink-wrapped hood. The wedge design creates more efficient air flow from the front of the hood to the end of the cab. You'll discover that the hood has been pulled in a few inches, along with the grille. This provides a radiator opening that optimizes air flow for engine cooling and diminishes drag.

Our new aerodynamic windshield was designed with a sloped A-pillar and aggressive curvature to help reduce drag and ultimately maximize fuel efficiency. The windshield is bonded into the steel cab body for better rigidity and improved airflow over and around the cab, further increasing fuel savings.

Contoured ingenuity, from end to end

The VNR's new aerodynamic bumper guides airflow to balance aerodynamics and cooling. This reduces air turbulence, driving greater fuel efficiency without compromising stability. VNR tractors are designed to eliminate the need for an exterior sun visor, further optimizing airflow over the roof of the cab.









Our innovations help you one up the competition

Our 6x2 lift axle solution is designed to help the VNR run at peak fuel efficiency and performance every mile of every haul.

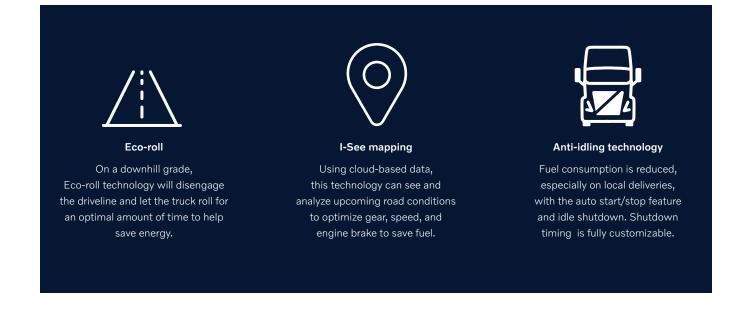
Volvo's Adaptive Loading balances weight between the two axles when the truck is heavily loaded. When the axle load is light enough,

the non-drive front axle automatically lifts, raising the tires from the road. This reduces friction and saves fuel.

Adaptive Loading also improves traction during lighter hauls, by transferring the majority of weight to the rear axle of

the vehicle. Our innovation popularized lift axles more than a decade ago, and we proudly offer our most advanced Adaptive Loading on the VNR.

From a full load down to an empty trailer, this integrated and automated technology makes every driver safer and more efficient.



The right powertrain for you

Every generation of Volvo Power has been more functional, more efficient, and more groundbreaking than the last. And that's true again with our latest powertrain advances.

But the key to great fuel efficiency has always been the same, choosing an engine and transmission that's customized to your operations. We will always dig deep to understand your operation, your loads, and your routes. It's how we can be sure that the powertrain and software settings in your VNR will provide the balance of performance and efficiency you demand.

An engine family like no other

Volvo's family of engines takes a significant leap forward. Our next-generation D13 VGT engine features design enhancements to drive greater fuel savings. While our turbo compounding D13 offers the chance to recover and harness lost energy. There are multiple ratings available between the VGT and TC options, ranging from 405-455 HP and 1450-1850 lb-ft.

Powertrain enhancements create nearly 40% of the VNR's increase in overall fuel efficiency. Efficiency improvements include a new variable-speed oil pump, an enhanced piston-rod angle, and a seven-wave piston design.

A transmission in sync

The next-generation I-Shift features upgraded electronics designed to improve gear shifting performance. A new clutch delivers greater durability. The new transmission oil level sensor broadcasts information to the instrument cluster, warning the driver if the transmission oil level is low.

I-Shift is also available with a 13-speed option, enabling controlled forward and reverse when steep-grade startability and low-speed maneuverability are critical. It's yet another way to conserve fuel and reduce environmental impact.





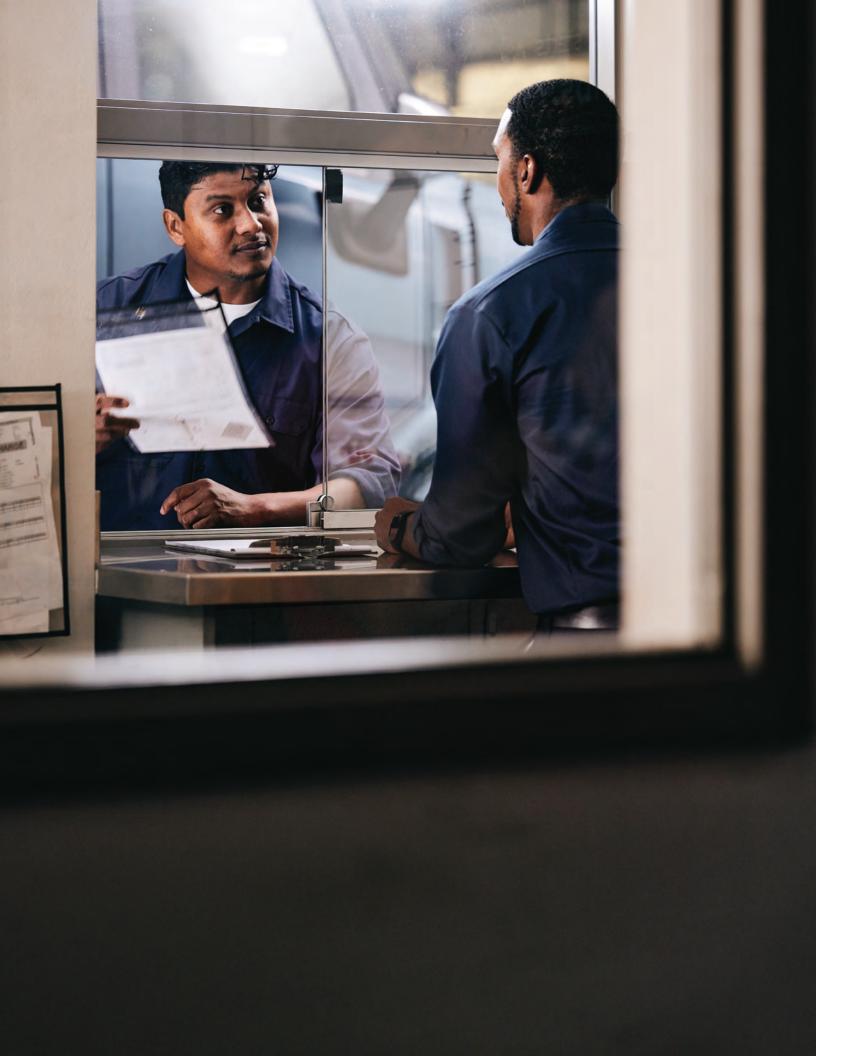
Start me up

Our new Battery Management System is designed to safeguard the battery, protecting against parasitic losses and deep discharging. This ensures that your battery remains in optimal condition, even during extended periods technology. Proactive recharging ensures the battery is of inactivity. The system also safeguards cold cranking power, ensuring reliable truck starts after long stops.

An advanced Battery Management System is available as an option. In addition to all the core system features, the advanced option includes proactive engine start always sufficiently charged to meet the demands of all vehicle components.

wear and tear on components, extending their lifespan significantly throughout the vehicle. Greater voltage reduces the need for high amperage and decreases heat in the system. Enhanced diagnostics with more monitoring points make it easier to quickly pinpoint and resolve issues, minimizing downtime. And because the system is created with 12-volt batteries in series and parallel, no specialty battery units or chargers are required.

with advanced electronic controls to integrate multiple functions into one streamlined solution with fewer components. The intelligent pressure control feature optimizes air tank management by regulating the air compressor, improving brake response and stopping distance. The system also supports the electronic parking brake and trailer air supply, eliminating the need for bulky air lines behind the dashboard.



Service contracts

The best way to maximize your productivity is with a Volvo service contract. The Blue Service Contract is driven by advanced AI models. This adaptive maintenance system adjusts service intervals based on real-world conditions, such as fuel consumption, idle time, and oil quality.

All our technicians are certified and use Genuine Volvo or Authorized Parts. They perform and follow the Genuine Volvo Service process operations needed to ensure uptime and functionality.

For you, this saves time and effort. You also get better cost control and a lower total cost of ownership, because your truck runs more efficiently with fewer unplanned standstills.

Improved uptime with Adaptive Maintenance

With the adaptive Blue Service Contract, customers gain from optimized service schedules that bundle maintenance into fewer stops, cutting operating costs. When trucks face tougher conditions, the AI model signals the need for service sooner, preventing unplanned downtime. In either case, uptime improves, driving better economic results for customers.

Fleet Manager: A new resource at your dealer

As part of your Volvo Blue Contract, you'll have access to a Fleet Manager at your dealership. It's a new role providing concierge level service. The Fleet Manager is your point of contact and can pre-plan workshop visits. They'll proactively schedule service visits for a time that is convenient for your operation, ensuring that every visit is as smooth and efficient as possible. Your Fleet Manager manages all campaigns, recalls and software updates proactively so you can focus on your core business.

Ready when you are

Load and deliver. Load and deliver. Ultimately that's what you want from the new VNR.

It's why we build your trucks in New River Valley, Virginia to meet incredibly high quality standards, so they exceed your expectations for durability and dependability.

And it's why we created a network of more than 200 Certified Uptime Dealerships and thousands of service locations across North America, so we are always there when you need us.

That way you can do what you do best. Load and deliver.



Remote Diagnostics

Analysis of critical fault codes leads to immediate communication and recommendations. Average diagnostic times are reduced up to 70% and repair times more than 20%.



Remote Programming

Remote programming allows over-the-air updates of software and parameters, so there's no need to remove trucks from service.

Updated trucks reduce unplanned stops by up to 25% and exhibit fewer faults.



Volvo ASIST

With ASIST, you have the power to monitor vehicle status, review estimates, issue purchase orders, approve repairs, and communicate directly with a dealer and our Uptime Center.



Volvo Action Service

24/7 assistance, in any language, for all of the U.S. and Canada. A single call connects you with highly-trained experts to manage service, schedule repairs, and more.





Everything you need, all in one place

Volvo offers our most connected Class 8 trucks in North America.

Our connectivity solutions help you lower costs and improve productivity. Because the more you know about your vehicle, the better decisions you make.

One of our latest connectivity innovations is Volvo Connect. It's a simple, convenient portal where you can connect to truck data and analytics. One login, one holistic view. Volvo Connect is the interface for all your digital services from Volvo Trucks. You can even use the data for driver coaching on fuel efficiency and safety.

Volvo Connect



Fuel economy reports

Identify trends and compare vehicles and routes to maximize profitability, including a view of current vehicle fuel levels.



Safety reports

Critical data to support your driver coaching programs and compare performance across your fleet or industry wide. Quickly access safety-related events by vehicle.



Map location

Enjoy near real-time visualization for one or one thousand vehicles. Get insight into vehicle status and utilization to help maximize productivity.

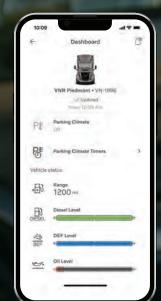


Partnered vendor solutions

By partnering with leading providers, we integrate smart technologies seamlessly into the VNR. Volvo works closely with industry leading fleet management providers.

My Truck App

Volvo Trucks is proud to introduce another first in the industry. Now drivers have complete remote access to their VNR with My Truck App. View status reports and adjust settings from anywhere with a mobile device. Checking fuel, oil, and DEF can now be done remotely. Plus, drivers can check lamp status and even set the cab temperature all before leaving home or in a rest stop. It means less time in the elements during pre-trip inspection. Less time outside the cab when you're parked at night or in unfamiliar areas.







Access your Volvo truck from your smartphone or tablet before for your next job. Control cab climate, lighting, and more from your device with a single tap.

VOLVO