



Volvo Trucks. Driving Progress

VOLVO VNM SERIES

MAXIMIZE PRODUCTIVITY





SEE THE DIFFERENCE EVERY DIFFERENCE MAKES.



Fuel Efficiency:
Aerodynamics and powertrain savings.

Premium engines and advanced powertrain technology deliver fuel savings. Explore the features of the refined VNM series that drive fuel efficiency.

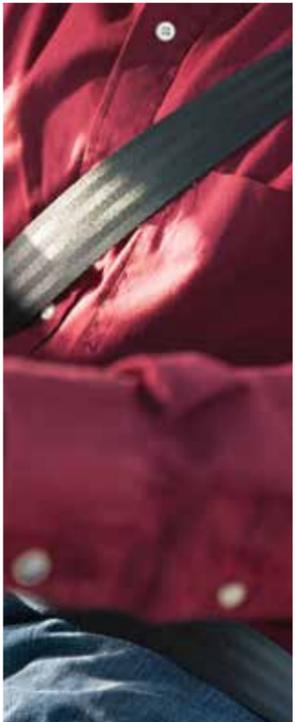
pg. **16**



Driver Productivity:
Space, features, comfort.

See how the VNM series can help you keep drivers comfortable and productive.

pg. **26**



Safety:
Industry-leading protection.

Learn how Volvo's legendary commitment to safety helps protect your most valuable asset—your drivers.

pg. **34**



Uptime:
Know the road ahead.

Discover the power to know the road ahead with a suite of services that lets you keep wheels turning and money in your pocket.

pg. **40**



VNM 630
The premium regional mid-roof.

VNM 430
The efficient regional flat-roof

VNM 200
The productive urban daycab.

WHY VNM?

Regional and local hauling demands agile maneuverability and maximum visibility, but not at the expense of interior amenities and comfort. The shorter hood on the VNM helps meet tight overall length restrictions, while its shorter wheelbase also helps maneuver in and out of even the tightest urban delivery spots. With daycab, flat-roof sleeper and premium mid-roof sleeper configurations, there's a VNM model available for your local and regional hauling needs.

Which VNM is right for your business?



Maximum maneuverability for urban deliveries.

Tight schedules. Frequent stops. Busy traffic. The demands of urban deliveries are high. But whatever your task, this nimble performer knows its way around. The lightweight VNM 200 daycab is designed to help you excel in regional bulk or specialty hauling. And it's easily tailored to match your specific needs.

The shorter hood, up to 50-degree wheel cut, and panoramic windshield make driving a snap, especially in those tight areas in and around town. Entry and exit are easy, thanks to offset steps and internal grab handles that stay clean and dry for no slips.



Built to keep you on schedule.

When regional runs stretch well beyond day's end, this overnight specialist delivers superb comfort and flexibility, without the expense of a long-haul sleeper.

The VNM 430 is a perfect solution when your runs consistently require a break. The 42-inch flat-roof sleeper provides an efficient working and resting environment. With a 36-inch wide bed, you can get the rest you need for another day on the job. During the day, you'll find the VNM 430 to be a productive workplace designed to handle the hectic pace of regional runs with ease, and superb operating economy.



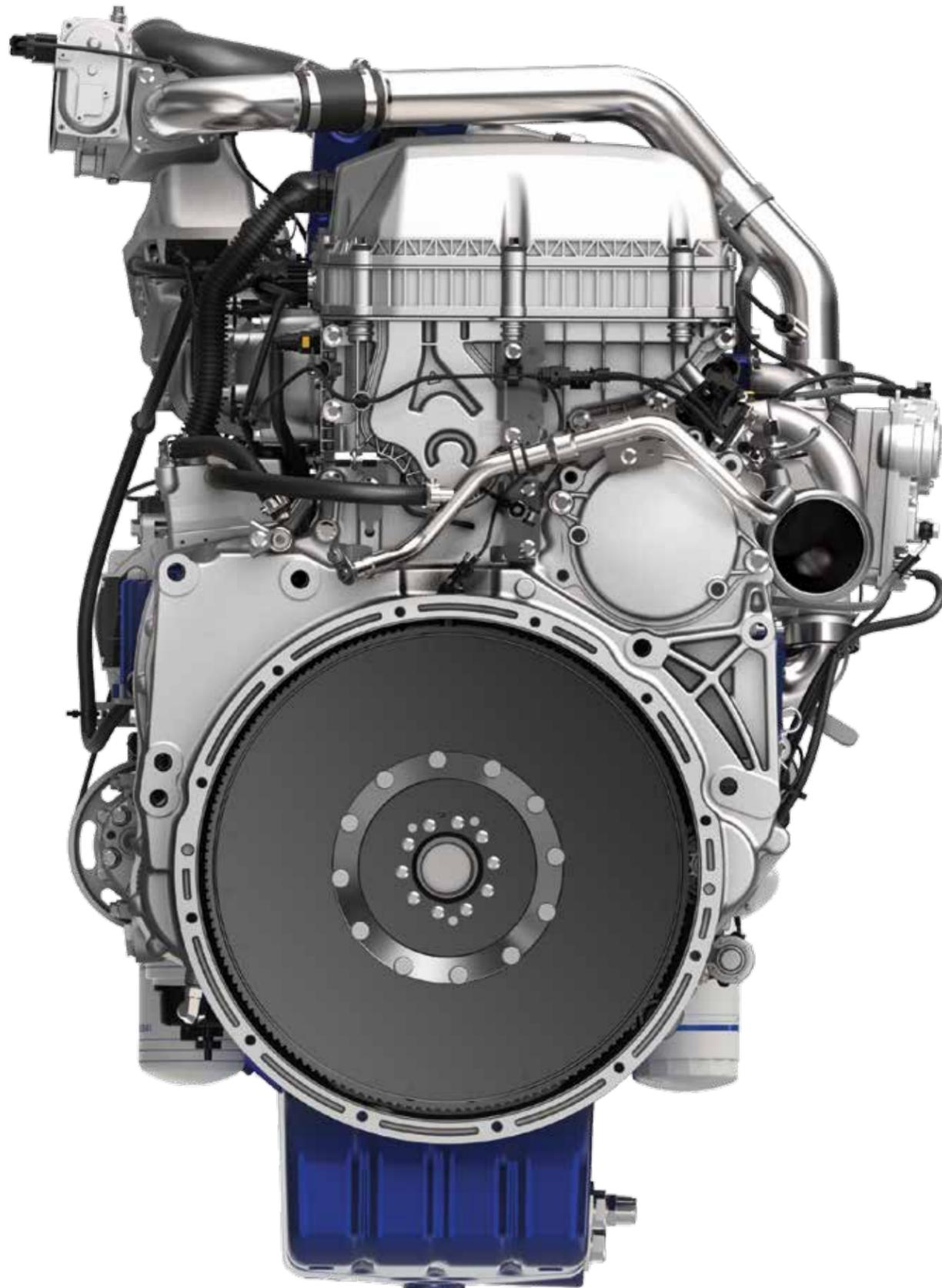
So comfortable, you'll ask for a longer route.

If you don't want to compromise on fuel efficiency, driver comfort, or safety, this versatile regional workhorse is the ideal choice for operations that include urban delivery environments.

For regional hauls that require some time on the road, the 61-inch sleeper on the VNM 630 offers long-haul comfort by combining convenient, common-sense work and storage space with a 36-inch wide bed that makes those extra nights a little more pleasant. The mid-roof sleeper configuration is well suited for any trailer height, making the VNM 630 a versatile player for a wide range of applications.

Learn more: USA: [VNM.volvotrucks.us](https://www.volvotrucks.us) | CAN: [VNM.volvotrucks.ca](https://www.volvotrucks.ca)





Efficiency runs in the family.

Volvo's new 2017 family of engines is built on a foundation of proven, developed architecture that leverages innovative hardware to maximize efficiency. Energy that is normally lost is recovered with standard features including lower friction pistons that optimize cylinder efficiency. A standard common-rail fuel injection system now gets the most power out of every drop of fuel. Our reliable variable geometry turbocharger compresses and moves the intake air while providing the correct back pressure to drive the EGR process. And reliability isn't sacrificed for greater efficiency. All Volvo D11 and D13 engines carry a B50 life of 1.2 million miles.



325-425 hp, 1250-1550 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, beginning at 325 hp and up to an impressive 425 hp* at 1,550 lb-ft torque. One XE and two Eco-Torque ratings are available. It's also a lighter solution for maximizing fuel efficiency in bulk, less-than-truckload, and distribution applications.



375-500 hp, 1450-1850 lb-ft.

The Volvo D13's efficiency, power, and light weight improves operating costs, while meeting the new 2017 GHG emissions standards. Twelve power ratings are available, from 375 to 500 hp.

Nine XE, eight Eco-Torque, and three Dual-Torque ratings provide "dual-personality" torque output for customers who desire the fuel economy of lower torque with the strong performance of higher torque.



Cummins ISL G 250-320 hp, 660-1000 lb-ft.

The ISL G is a dedicated, factory-built natural gas engine that shares much of its design with Cummins L Series diesels, including the same full-skirted block for increased rigidity and strength. The design provides superior piston ring and bearing life, improved coolant flow and targeted-piston cooling. With five available power ratings from 250 to 320 hp, the high torque and broad power band of the ISL G is ideal for delivery and drayage applications with GCW ratings up to 66,000 pounds.

*Beginning early 2017, seven power ratings will be available including new 325 and 425 hp offerings.

An automated manual transmission with digital intelligence.

Volvo has made the industry's most advanced automatic transmission even better. The latest edition of the I-Shift includes upgraded hardware and software, greater durability, and a new countershaft brake for improved performance and smoother shifting. The electronic control unit can handle any load and any road, shifting perfectly every time. We've also improved clutch durability and torsional dampening in both our D11 and D13 model. So I-Shift not only keeps fuel costs down, it can help slow driveline wear, reduce noise and vibration, extend transmission life, and lower maintenance costs.

Whether your route includes rolling hills or steep mountain terrain, Volvo's innovative I-See option 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.

Our newest 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.

When you drive an I-Shift, you'll never want to deal with a clutch pedal again. I-Shift lets you concentrate on the task at hand—delivering freight—not on what gear you're in. It's easy to use and always ready with the right gear, so missed shifts and sore knees are a thing of the past. With I-Shift, just sit back, get comfortable, and concentrate on your driving.



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 VNM. 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 uprate 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.

FUEL EFFICIENCY



Innovation with purpose— to save you money.

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. The result is fuel efficiency custom built to cut your operating costs.

Advanced technology lowers operating costs.

Volvo engines offer an impressive mix of power, efficiency, and value. All our 2017 engines have been optimized to help you save fuel.



Driving near-zero emissions.

Volvo's Selective Catalytic Reduction (SCR) system is a superior solution to the EPA's emissions standards, not to mention a fuel- and cost-saving innovation for your fleet.

Here's how it works: high-NOx/particulate exhaust flows from the engine to Volvo's diesel particulate filter (DPF), where much of the exhaust's particulate is removed. Next, before the exhaust reaches the catalytic converter, diesel exhaust fluid (DEF) is mixed in. The DEF and catalytic converter change the harmful nitrogen oxides into harmless nitrogen and water vapor, and the truck's NOx emissions register at near-zero levels. DEF allows the engine to use less exhaust gas recirculation (EGR), and maintain higher oxygen levels for better combustion.



Now every road is worth remembering.

Combine I-Shift with an intelligent cruise control and you get I-See. It's a unique system that learns the topography of the road. Later on, it automatically uses its knowledge to save fuel when the intelligent cruise control is engaged.

Uphill.

When I-See knows an uphill grade is coming, it increases speed in preparation. Once the climb begins, I-See uses its stored knowledge to avoid unnecessary downshifts towards the top. You approach the crest smoothly without wasting fuel in a lower gear at the top of the climb.

Downhill.

Just before the slope, I-See engages Eco-Roll,[®] which disengages the driveline and lets the truck roll for the optimum period before re-engaging the driveline. This saves energy and minimizes the need for braking. I-See also knows when the slope ends. So it can apply the engine brake gently in time, rather than abruptly at the end, or continue to gain momentum for an upcoming hill.

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



Adaptive 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 your most efficient driver.



One-box aftertreatment.

Volvo's "one-box" exhaust aftertreatment system offers smaller system packaging and reduces weight by 17 pounds compared to current systems. The one-box configuration provides better thermal encasing of exhaust energy, and improves muffler efficiency. The use of Cu-Z (copper zeolite) catalyst coatings improves both low-temperature NOx conversion, and long-term system robustness.



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 due to friction between the piston and the cylinder bore, benefitting both power output and fuel efficiency. A new wave design on the face of the piston increases cylinder efficiency by optimizing flame propagation toward the center of the cylinder for an ultra-clean burn.



Powerful and precise engine braking.

The intelligent Volvo Engine Brake (VEB) is an enhanced engine braking system that gives drivers precise control over engine braking, and saves the truck's brakes for when they're needed most. The D11 and D13 engines use a Variable Geometry Turbocharger (VGT), which, thanks to intelligent software, "supercharges" the VEB system. The result is phenomenal retarding horsepower at low rpm, where the engine spends most of its time and where braking is needed most.

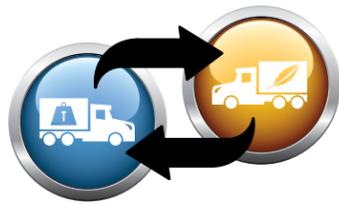
Extreme fuel efficiency. Great driveability.

The award-winning eXceptional Efficiency (XE) package pushes Volvo's commitment to fuel-efficiency and reliability even further.

XE isn't a single fuel-saving feature, it's a completely customized solution that perfectly matches your vehicle and powertrain settings to the needs of your business. It all starts with choosing the right Volvo engine and matching it with I-Shift; then, we help you choose the optimum efficiency package based on your application. Together, these factors can help you save up to an additional 0.2 mpg or more. That can mean savings of as much as \$2,000 per year, per truck.

You tell us what you haul and where you haul it, and we'll tell you how XE can help your trucks get the job done while helping your business save big on fuel.

The XE package gets smarter every year, and is now available in a new package designed exclusively for liquid tanker, flatbed, and bulk haul applications.



XE Adaptive Gearing.

The first drivetrain in the industry to use rear suspension load to change the driveline based on whether the vehicle is loaded or unloaded. It gives you two transmissions in one: the performance of a direct drive when loaded, and a downspeeding overdrive when light.



A wider sweet spot.

In some applications, XE packages help you save fuel by widening the sweet spot rpm range of the engine. Traditional drivelines achieve peak fuel efficiency between 1300-1500 rpm. But through Volvo's use of downspeeding, XE widens the range to 1050-1500 rpm. For every 100 rpm of downspeeding, fuel efficiency is improved by approximately 1.5%. Since the Volvo XE13 package downspeeds the engine by 200 rpm or more, you'll realize a total fuel efficiency increase of up to 3%.



Choose your torque.

The latest XE13 package is now available with your choice of different engine torque management software. XE Economy lowers engine torque in the starting gears, maximizing tire and driveline reliability while providing ample power and torque to get the job done at cruise speed. XE High Torque allows maximum torque in all gears, for those who prefer a faster transition to cruise speed.



DRIVER PRODUCTIVITY



Designed with the driver in mind.

A comfortable driver is a more productive driver. So the VNM series starts with a solid chassis, smooth-riding air suspension and precise, automotive-like handling. The well-insulated cab offers great visibility, ergonomically comfortable seats, and a wraparound dashboard designed to keep all controls within easy reach.

Comfort comes standard.

With back and lateral support, front and rear cushion adjustment, fore/aft isolation, 7-inch fore-and-aft slide, and power air lumbar support, the VNM standard seats offer drivers an incredibly comfortable ride.



Like riding on air.

Volvo cab air suspensions and outboard mounted air springs, shocks, and stabilizing rod help the VNM series give drivers a smooth ride.



A quiet place to work.

A thick layer of insulation combined with some of the quietest running engines in the industry keeps the cab comfortable and quiet.



Everything important, all in one place.

With the centrally located instrument cluster with Driver Information Display (DID), a quick look is all it takes. Analog gauges like fuel, speed, and rpm complement the digital DID's optional Performance Bonus Display.



Easy in and out.

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



Connect and enjoy.

Expandable audio systems let you connect mobile devices through Bluetooth, USB, and AUX.

Even short hauls are long on comfort.



Our sleepers reward drivers with some of the industry's best features.

When regional hauls stretch beyond the end of the day, drivers need a place to relax and recharge. That's why the VNM sleepers offer premium long-haul touches that feel like home away from home. The flat-roof VNM 430 sleeper maximizes its 118 cubic feet of space. With a surprisingly large 36-inch wide bed in an efficient 42-inch sleeper, it's a cozy spot to rest when the driving clock needs to stop for hours of service regulations. With a 61-inch sleeper in the mid-roof VNM 630, the 36-inch wide bed provides ample room to rest or kick back.



Prepare to be entertained.
The adjustable flat screen TV mount allows easy viewing from the bunk. The innovative mounting also allows the TV to swing out for storage access inside the cabinet.



Don't get up.
Adjust bunk heating and 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.



Snacks and refreshments.
The VNM 630's cabinets can be configured to include a refrigerator or a microwave, so a hot meal or a cold drink can be available any time.



Customize your ride.

Industry leading interiors—comfortable and well designed, yet tough enough to handle the most demanding applications.

Each of the three interior trim levels offer many color and material combinations to choose from. And all three trim levels can be enhanced further with premium Wheat Mordura, Dark Brown Cordura, and your choice of leather seating options in Espresso Brown or Sahara Tan.



Choice

The standard trim level, Choice offers dark or light interior colors, with lighter Lennox Ivory or darker Espresso Brown seats.



Rally

An upgraded trim level, Rally offers dark or light interior colors, with durable Rally fabric seats.



Touring

The premium trim level, Touring offers Dark Zebrano accents, and the dark Touring fabric on the seats.



SAFETY

Volvo is safety.

Since 1927, our brand has used safety as the guiding principle for everything we build. We were the first company to introduce 3-point safety belts as a standard feature, and to this day are the only company to provide driver-side airbags standard in every truck we make.

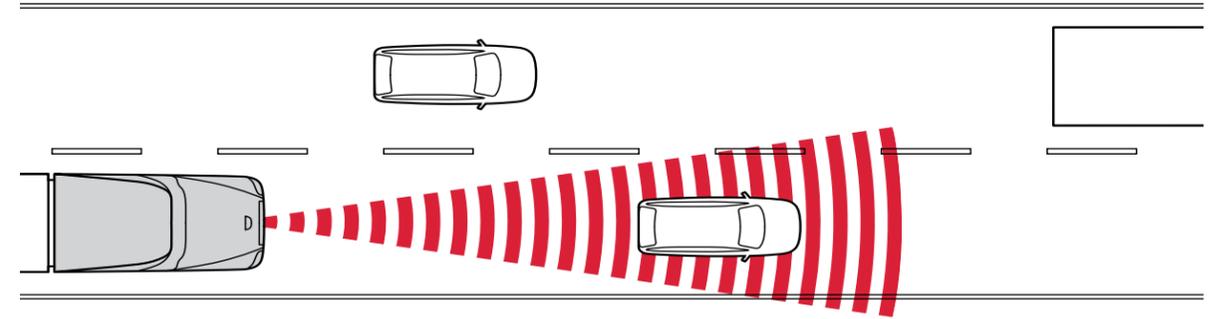
Volvo's commitment to safety protects your business by putting the well-being of drivers—your most valuable asset—first. Intelligent design that maximizes comfort and visibility combined with advanced safety technology helps drivers avoid or minimize accidents, keeping them safe while reducing cargo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

Keeping you out of danger.



Volvo Enhanced Stability Technology (VEST).

Loss of control, jackknives, and rollovers are three of the most dangerous incidents a driver can face. Standard on all VNM tractors, Volvo Enhanced Stability Technology, or VEST, continually monitors driver inputs and normal driving parameters. When VEST detects that the truck is dangerously close to an event such as a rollover, the system automatically reduces engine torque and selectively applies the necessary braking to help get the truck back on course.



Volvo Enhanced Cruise (VEC).

Being surrounded by smaller, more nimble vehicles can be stressful. Volvo Enhanced Cruise (VEC) adds peace of mind by helping the driver maintain a safe following distance. The front bumper-mounted radar monitors vehicles driving in front of the truck, and if they get too close, audio and visual warnings alert the driver. If the truck continues to close on the vehicle, VEC can automatically dethrottle the engine and apply the truck's service brakes to help prevent a collision.



Adaptive loading.

Adaptive Loading features both basic and enhanced traction modes. Basic traction stabilizes your trailer during loading and unloading. While enhanced traction automatically provides unmatched startability and optimizes grip and safety in steep grades or hazardous conditions—keeping drivers safe and trucks on the road.



I-Shift.

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



Lane departure warning.

This safety system uses a windshield-mounted camera to track road markings. If the truck begins to drift, audio and visual alerts warn the driver to get back into the correct lane.

Industry-leading. Just in case.



To make sure that our trucks are the safest on the road, we combine advanced engineering with active and passive safety systems.

Built to exceed the demanding Volvo Swedish Cab Safety Test, our high-strength steel (HSS) cabs have the industry's highest strength-to-weight ratio, and are designed to absorb as much of a crash's energy as possible to protect the driver. To further protect occupants, the steering column collapses and the engine and transmission drop down and away from the driver.

Volvo is the only Class 8 manufacturer to make a driver's side airbag standard equipment in every truck. It's exactly what you'd expect from the inventors of the 3-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 transport solutions partner that offers innovative ideas to keep trucks on the road and money in your pocket.

Volvo Trucks Uptime Services is 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.

Remote diagnostics.



Remote Diagnostics can help avoid unexpected downtime by monitoring your Volvo engine, I-Shift, and aftertreatment 24/7. 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.



ASIST service management platform.

Everything you need, all in one place. ASIST is a simple, 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. Preventative maintenance plans improve vehicle uptime, increase productivity, and provide a 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.

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 360 dealers and thousands of service locations across North America, Volvo's 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, that's why Volvo Trucks Uptime Services saves you both.



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.



OVERVIEW



	VNM 200	VNM 430	VNM 630
Cabs/ Sleepers	Daycab/ Mid-Length Hood	42" Flat-Roof Sleeper/ Mid-Length Hood	61" Mid-Roof Sleeper/ Mid-Length Hood
Applications	Short Haul/ Regional Haul	Short Haul/ Regional Haul	Short Haul/ Regional Haul
Engines	Volvo D11 325-425 hp 1250-1550 lb-ft torque Volvo D13 375-500 hp 1450-1850 lb-ft torque Cummins ISL G 250-320 hp 660-1000 lb-ft torque	Volvo D11 325-425 hp 1250-1550 lb-ft torque Volvo D13 375-500 hp 1450-1850 lb-ft torque	Volvo D11 325-425 hp 1250-1550 lb-ft torque Volvo D13 375-500 hp 1450-1850 lb-ft torque
Transmissions	Standard: I-Shift 12 speed Optional: Eaton Fuller 10, 13, 18 speed Manual Allison 5-6 speed Automatic	Standard: I-Shift 12 speed Optional: Eaton Fuller 10, 13, 18 speed Manual	Standard: I-Shift 12 speed Optional: Eaton Fuller 10, 13, 18 speed Manual





VOLVO

Volvo Trucks

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Del. Cuajimalpa Ciudad de Mexico.
CP05340

Some vehicles shown with optional equipment.

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