

VN 670

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VN 670 SPECIFICATIONS. AND A LOOK UNDER THE HOOD.

BBC	174"
Front Axle Position	52"
Cab Version	61" Sleeper, High Roof
Engine Package	Volvo VED12 365-465 hp Cummins ISX 385-565 hp
Transmission	Eaton FRO, RTO, RT 9, 10, 13, 15, 18 Speeds Eaton Autoshift® 10 and 18 Speeds Meritor Freedomline® 12 and 16 Speeds
Front Axle Package	12,000 – 14,600 Spring or Air Suspension
Rear Axle Package	21,000 – 23,000 Eaton/Meritor Single Axle 40,000 Eaton/Meritor Tandem Axle 46,000 Eaton/Meritor Tandem Axle
Rear Suspension Package	23,000 Air and Spring 38,000 – 40,000 Volvo Air Suspension 38,000 – 40,000 Volvo T-Ride Spring 46,000 Volvo T-Ride Spring
Frame Rail Package	7 Sizes, RBM 1,382,000 – 2,448,000
Interior Trim Package	2 Levels with multiple color selection

GOODYEAR Volvo Trucks is proud to offer Goodyear tires as our standard tire.

CLEAN, CONFIDENT POWER: THE VOLVO ENGINE.

Volvo knows a thing or two about engines. After all, we're one of the world's largest heavy-duty diesel engine manufacturers. That's why the Volvo engine is uniquely designed to meet your needs for more power and lower operating costs. It exceeds today's strict emissions requirements, but doesn't weigh significantly more than previous engines.

In fact, its simple design means it's more economical, more reliable and easier to maintain than other EPA-certified engines. We've also developed an integrated offering with Cummins, which gives you the option of specifying the latest Cummins ISX engine. Volvo or Cummins, our selection of engines is just another way we're helping you rev up your bottom line.

VOLVO

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THE REASON TRUCKERS DON'T ASK
"ARE WE THERE YET?"

VN 670 AT A GLANCE:

Overview

- Designed for Driver Comfort
- Space-Efficient, Full-Height Sleeper
- 61" Raised-Roof Sleeper Cab
- Excellent Operational Efficiency

Aerodynamic Design

- Better Fuel Economy
- Sloped Hood and Windshield
- Welded Cab, No Rivets
- Reduced Gap Between Cab and Trailer

Ride and Noise

- Smooth, Comfortable Ride
- Exceptionally Quiet Cab
- Cab Air Suspension System
- Multi-Directional Shock Absorbers
- Ergonomic Seats

Driving Environment

- Tilt/Telescopic Steering Wheel
- Advanced Climate Control System
- Double-Sealed Doors for Tight Fit
- Ergonomic Dash Reduces Fatigue
- Advanced Audio System

Sleeper Amenities

- 264 Cubic Feet of Sleeper Space
- Sink/Kitchen Appliance Options
- Roof Window and Two Side Windows
- Windshield and Sleeper Curtains
- Carpeted Sleeper Area

Maneuverability

- Extra Tight Turning Radius
- 50-Degree Wheel Cut
- Highly Responsive Steering

Durability and Service

- Easily Replaceable Windshield
- Break-Away Mirror Arm
- Three-Piece Bumper
- Hood Opens Full 60 Degrees
- Easy Access to Service Checkpoints
- Adjustable Internal Door Hinges
- Hood Release on Steering Column
- Easily Removable Engine Cover

Accident Prevention

- Self-Cleaning, Anti-Slip Steps
- Interior Grab Handles
- ABS System Standard
- Extra Large, One-Piece Windshield
- Overlapping Sun Visors
- Projection Headlights
- Daytime Running Lights

Driver Protection

- High-Strength Steel Cab
- Standard Driver Side Air Bag
- Three-Point Seat Belt
- Collapsing Steering Column
- Break-Away Engine Mounts

FINALLY, A LONG HAUL TRUCK YOU'LL BE COMPLETELY COMFORTABLE WITH.

Ask anybody at the truck stop what they know about Volvo trucks, and you'll get the same enthusiastic answers. Very quiet. Great ride. Lots of comfort. Welcome to the Volvo VN 670.



Everything about the VN 670 contributes to driver comfort for the long haul. Physical comfort, thanks to a space-efficient 61" sleeper cab loaded with thoughtful features that can turn a cross-country run into a joy ride. And mental comfort, knowing you've got all the visibility, maneuverability and dependability that can be built into an over-the-road truck.

For all the attention given to making the VN 670 a driver's dream, it's still an absolute workhorse. From the forward-thinking design that cuts through wind and weather (to cut down on fuel consumption) to the advanced steering system that helps you get in and out of tight spaces, this truck earns its lofty reputation every day.

Room to stretch out. Performance to spare. Plus a level of operating efficiency that goes straight to your bottom line. All at a cost that's affordable on the front end and rewarding at resale.

SLIP INTO SOMETHING MORE AERODYNAMIC.

The way Volvo sees it, "aerodynamic" isn't just a sleek shape. It's an attitude that works hard to reduce wind resistance on every surface from the front bumper to the back mud-flaps. Everything – from the heavily sloped hood and windshield to the open design of the exterior sun visor, recessed door handles and wedge-shaped headlights – has been sculpted and streamlined for the lowest possible drag coefficient. The welded cab means that there are no rivets to catch the wind and slow you down. And the Volvo design allows for a shorter wheelbase, so the gap between cab and trailer can be minimized for less air turbulence and drag.

Congratulations. You've just discovered the fastest route to better fuel economy and greater profitability.

RELIABILITY THAT BUILDS YOUR BOTTOM LINE.

Volvo trucks are built for the road, not for sitting in the shop. Since your business depends on high miles and low downtime, we've engineered a level of dependability into the VN 670 that other manufacturers would be hard-pressed to match. By using only the best available materials, parts and assembly techniques, we've created a truck that maximizes uptime. And by optimizing the ride, handling and visibility, the VN 670 works hard to keep you more alert, more comfortable and more reliable as a driver.

Trucking is serious business, and the VN 670 is a business tool you can have total confidence in. Volvo's commitment to reliability, performance and safety rides with you mile after mile to protect your income as well as your delivery schedules. With Volvo, you'll have more uptime. Not only that, you'll have a better time, period.



YOU'RE A BUSINESSMAN. YOU DESERVE A NICE OFFICE.

You barely feel the pavement. There's no need to turn up the stereo to drown out the tires. It's smooth and quiet, like a passenger car. No, you're not dreaming. You're wide awake and behind the wheel of your VN 670.



Defining a smooth, comfortable ride is one thing. Achieving it is something else altogether. That's why so much effort goes into the VN 670's multi-directional cab air suspension system. Our air bags are mounted outside the frame rails for maximum stability. And since a cab moves from side to side as well as up and down, Volvo uses both vertical and lateral heavy-duty shock absorbers to soften the bumps and minimize sway and yaw.

You won't feel the road through the energy-absorbing steering column, either. For individual positioning, our adjustable steering wheel tilts smoothly from 0° to 32°, and telescopes a full 4.5". You'll be able to choose from multiple seating options for customized comfort and support. And thanks to cab construction that features superior insulation and soundproofing, the cab is so quiet you'll actually be able to hear yourself think.

YOU DO THE DRIVING. WE'LL TAKE CARE OF EVERYTHING ELSE.

The VN 670's smooth ride goes a long way toward reducing fatigue and improving concentration. And in the driver's area, we've developed additional ways to keep you operating at peak performance.

Notice the temperature? It's perfect. An advanced climate control system keeps you comfortable inside, no matter how hot or cold it is outside. Twenty-three strategically placed air vents – as well as cold draft panels and airflow valves – circulate fresh air through the cab. Double sealed doors keep water, wind and noise out of the cab. And an independent air filtration system keeps dust particles out of your eyes, lungs and coffee mug.

Volvo knows that a well-designed dash keeps you more alert, better informed and in control. Our driver display is positioned to let you read key diagnostic information from a single, large screen. Controls are within easy reach, and often-used switches can be located right on the steering wheel.

And when the VN 670's quiet cab feels a little too quiet, our advanced audio system features speakers that are strategically designed and positioned for optimum sound quality.



QUALITY YOU CAN COUNT ON.

Everybody talks about quality, but where does it come from? At Volvo, it starts at the concept stage, with a commitment to building a truck that delivers the best combination of safety, durability and comfort.

Our designers use the industry's most advanced technology to design each model from the ground up, using only the best materials and Volvo-specified components. Our state-of-the-art production facilities use precise assembly techniques that achieve tighter tolerances and better performance. And each High-Strength Steel cab is welded together rather than riveted, for maximum rigidity and greater protection.

Volvo is an industry leader in performance testing and conducts more crash testing than any other manufacturer. The result is a Volvo truck that delivers superior durability, lasting value and plenty of peace of mind.

THIS SLEEPER LETS YOU DO A LOT MORE THAN SLEEP.

The more time you spend on the road, the more you'll want to unwind when you're off the clock. With the VN 670, you've got all the room you need for sleep, storage and serious relaxation. So go ahead. Raid the refrigerator. Cook a meal. Crank up the stereo. In other words, have a life.



Can a truck feel like home? Sure, if it's a VN 670. With a generous 264 cubic feet of sleeper space (over 400 cubic feet when you include the cab), life on the open road is a lot more open. The high ceiling means that from the driver's seat, you can stand up and walk back into the sleeper without stooping. There's a roof window at the front, plus two windows on each side of the sleeper compartment to keep the cabin light and airy. The sleeper area features a durable carpet, and a full complement of interior appointments provides round-the-clock comfort and convenience. If your evening agenda includes dinner and a movie, you'll appreciate the built-in sink, microwave, refrigerator and TV/VCR options. Cabinets are available with securely closing doors instead of nets. Storage space is abundant, including an under-bunk compartment accessible from both inside and outside the cab.

Even when you're off the clock, your VN 670 is a pro at keeping you comfortable. There's an air vent near the lower bunk, and the upper windows open for better cross ventilation. Control panels for the sleeper area are located in the sleeper and on the dash for precise lighting and temperature control. Each bunk has a well-placed reading lamp. And when it's time for lights out, you've got both a sleeper curtain and a wrap-around windshield curtain to assure privacy for a good night's sleep.



ONE MORE THING THE VN 670 IS GOOD AT: HOLDING ITS VALUE.

Now that you're thinking of buying a Volvo, it's also a good time to think about selling it. Sure, that day is years away, but it's important to know that your residual value will be high when you're ready to trade.

Statistics show that Volvo trucks have the fastest growing residual value of any truck brand on the road. Everything we do to build a better truck today – stronger cab, longer life, lower operational costs, exceptional ride, generous warranty – contributes to higher value at resale. Even after years of vigorous use.

Simply stated, a Volvo truck is an investment that pays off now in cost-saving performance, and pays you back later in valuable equity. Which makes a good business decision even better.



ON THE ROAD AND OFF, THIS TRUCK IS DEDICATED TO MAKING YOUR LIFE EASIER.

Easier to drive. Easier to park. Easier to repair. Easier to service. All of which makes it harder for you to resist bragging about your VN 670 to anyone who'll listen.

What are you pulling? Whether it's a van trailer, flatbed or reefer, Volvo helps you maneuver safely and confidently, even when space is at a premium. Our 50-degree wheel cut and set-back axle deliver a turning radius that's one of the tightest in the industry. And with Volvo's responsive steering, you'll be able to tiptoe through tight loading situations with amazing agility.

DURABILITY THAT SAVES MONEY. INNOVATION THAT SIMPLIFIES REPAIRS.

Volvo takes a two-step approach to saving money on key components. The first step is to make them as durable and failure-proof as possible. The second is to make them easy to replace if damage does occur.

The VN 670's windshield is securely installed and sealed without glue, so there's no overnight wait for repairs. Breakaway mirror arms lower the risk of impact damage. Rubber isolators allow the hood to flex independent of the cab, resulting in less stress. A rugged, three-piece bumper allows easy end cap replacement. The engine is designed to let you replace the V-belt without removing the fan or fan hub. And adjustable internal door hinges are positioned out of the weather so they'll last longer.

EASIER TO SERVICE. BECAUSE YOU'VE GOT BETTER THINGS TO DO.

We've made serviceability a priority. All daily checks on your VN 670 can be performed easily from the ground, starting with popping the hood. (The release is mounted on the steering column, making it easy to reach without having to climb up into the cab.) The hood opens a full 60 degrees for complete engine access. Fill sites are on the "cool" side of the engine. A three-piece splash shield system keeps the entire engine compartment cleaner, for longer component life. Inside the cab, the engine cover can be removed without taking out the seats or floor mats.

You'll save time on weekly service checks, too. Chassis fairings open outward for quick access to the batteries and air tanks. The batteries are positioned close to the starter for higher cranking voltage and longer component life. And here's a bright idea: Headlight bulbs are easy to adjust and are easily replaced without tools.

WITH VOLVO AS YOUR BUSINESS PARTNER, YOU'VE GOT ALL THE SUPPORT YOU NEED.

Buy a truck, get an entire truck company. That's a great deal, especially when you consider all that Volvo does for you, on the road and off. Through **Volvo Action Service** we're with you mile after mile, 24/7, ready to provide roadside assistance and more whenever you call our toll free number. **Volvo LINK** helps you stay in touch and on schedule by putting you in two-way satellite communication with your nearest terminal. Our **Volvo Dealer Network** gives you access to more than 500 service and parts locations across the country. And when you're ready to invest in your new VN 670, ask your Volvo dealer about finance options from **Volvo Commercial Finance** – your best choice for flexible lease, purchase, and insurance packages. Bottom line? We're a company that cares about your business and wants to maximize your success. Our range of support programs proves it.



OUR MOST IMPORTANT JOB IS TO PROTECT YOURS.

When it comes to safety, the best defense is to have a good offense. That's why Volvo takes such a proactive approach to avoiding problems on the road. We're always looking for new ways to prevent accidents and protect you, your truck and your payload.

VOLVO SAFETY STARTS BEFORE YOU GET BEHIND THE WHEEL.

You'll enter the VN 670's cab via self-cleaning, anti-slip steps that are slightly offset so you can see them better. A door panel entry light helps you watch your step at night. We've made the door extra wide for easy access, with two grab handles conveniently positioned inside the cab and out of the rain for a better grip.

To help prevent accidents, our standard-equipped ABS system provides greater control during emergency braking. And suspended foot pedals keep your feet from getting tangled between the brake, clutch and accelerator.

Visibility is a particular Volvo passion, because the more you can see, the more obstacles you can anticipate and avoid. Our panoramic, one-piece windshield gives you over 2,000 square inches of viewing area, which means you not only see more of the road, you see more of your truck. Volvo's distinctive sloped hood and sloping side windows help you stay aware of close-range hazards. And looking down the road, our powerful projection headlights boost nighttime visibility 20 percent on low beam and give you better right-shoulder visibility... all without blinding oncoming traffic.



To be the best in safety, you've got to prepare for the worst. That's why Volvo goes far beyond the required and the expected to engineer each VN 670 for optimum accident survival.

We start with High-Strength Steel cabs, which deliver the highest strength-to-weight ratio in the industry. Volvo cabs are so strong, they meet the requirements of the legendary Swedish Impact Test – the toughest cab integrity test in the world.

In the event of a frontal impact, a remarkable system of protective measures is designed to take over. The three-point seat belt holds fast and the driver-side air bag deploys. Engine mounts release so the engine and transmission are pushed down under (rather than into) the cab. The steering column collapses, and special knee panels absorb impact. Doors have been tested to stay closed during a collision, but can still be opened afterwards. And the windshield can be kicked out for emergency exit. Of course, we hope you never need any of this. But it's always there.