

# VOLVO VT 880

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## 880 SPECIFICATIONS, OPTIONS AND ENGINES.

<b>BBC</b>	200"
<b>Front Axle Position</b>	43.1"
<b>Cab Version</b>	77" Premium Sleeper, Raised Roof
<b>Engine Package</b>	Volvo VE D16, from 500 hp @ 1850 lb-ft to 625 hp @ 2250 lb-ft Cummins ISX, from 475 hp @ 1850 lb-ft to 565 hp @ 1850 lb-ft
<b>Transmission</b>	Eaton RTO, RTLO 10, 13, 18 Speeds Eaton Autoshift® 10 and 18 Speeds
<b>Front Axle Package</b>	12,000 – 13,200 Spring Suspension (Unitized Hubs featured)
<b>Rear Axle Package</b>	40,000 - 46,000 Rear Axles (Dana Spicer, Meritor) Amboid Rear Axle (multi-torque)
<b>Rear Suspension Package</b>	38,000 – 40,000 Volvo Air Suspension 46,000 High Torque/High GCW Non-Torque-Reactive Suspension
<b>Frame Rail Package</b>	7 Sizes, RBM 1,382,000 – 2,448,000
<b>Interior Trim Package</b>	3 interior trim packages

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

**MORE POWER AT A LOWER OPERATING COST.  
THAT'S THE BEAUTY OF 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.

With the introduction of our D16 engine, Volvo takes power and performance to the next level. This ultra-reliable, larger-capacity engine delivers the increased horsepower and torque needed to move large payloads with ease, even on steep grades. The D-16 features advanced technology that requires less oil, less fuel and less maintenance. It's one more way we're helping protect the environment while we help you rev up your bottom line.

**VOLVO**

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**WELCOME TO THE INTERSECTION  
OF LUXURY AND POWER.**

## PROOF THAT POWER CAN BE VERY COMFORTING.

The bold, impressive look of a traditional long-haul sleeper. Plus Volvo's luxurious comfort and convenience. With the Volvo VT 880, you've arrived at a truck that combines the best of every feature you've ever wanted.

The Volvo VT 880 is a premium-size, long-haul dual sleeper with a high-profile look... and all the space, comfort and storage you expect from Volvo. And take a look at that striking exterior. With all its beautiful chrome and brightwork, the 880 is a shining example of what a long haul truck can look and feel like.

But style is only half of the story. There's a reason for the 880's long hood: Power. Power that comes from a standard 16-liter Volvo engine with up to 625 horsepower and 2250 lb-ft of torque. The 880 really goes the distance for long, demanding routes. It's perfect for 'heavy haul' applications where you need big muscle to move heavier loads or doubles over long distances... or up long, steep hills.

So if you've always loved the impressive look and power of a traditional long-haul truck, but have longed for the kind of driver and passenger comfort that only Volvo delivers, this is the truck for you.

## EVERYTHING THIS TRUCK DOES, IT DOES IN A BIG WAY.

The Volvo 880 is a master at multi-tasking. It aggressively protects the comfort and safety of the driver. It conserves fuel (and your budget) by reducing wind resistance. It works hard to keep you alert and in control when you're driving. And it maintains an environment that's always elegant, organized and space-efficient.

Best of all, the 77" raised roof sleeper cab gives you more living room than you ever thought possible in a Class 8 truck. You won't feel cramped, crowded or compromised in any way. And the smooth, quiet ride makes the miles go by easily and effortlessly when you're out on the road.

Last but far from least, there's one more thing the 880 is quite good at: turning heads at truck stops, loading docks and street corners.



**VOLVO**



## VOLVO VT 880 AT A GLANCE:

### Overview

- 77" Raised-Roof Sleeper Cab
- Classic Look with Modern Features
- Standard 16-Liter Volvo Engine
- Luxurious, Space-Efficient Interior
- Polished Bumper, Mirrors and Outboard Stacks
- Engineered for Performance and Safety

### Aerodynamic Design

- Improved Fuel Economy
- Wedge-Shaped Headlights
- Better Airflow Under and Around Engine
- Welded Cab, No Rivets
- Reduced Gap Between Cab and Trailer

### Ride and Noise

- Smooth, Comfortable Ride
- Non-Torque-Reactive Suspension
- Insulated Cab Minimizes Noise
- 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
- Solar-Managed Windshield

### Sleeper Amenities

- 374 Cubic Feet of Sleeper Space
- Sink/Kitchen Appliance
- Optional Dining Table Converts to Bunk
- Windshield and Sleeper Curtains
- Carpeted Sleeper Area

### Maneuverability

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

### Durability and Service

- Easily Replaceable Windshield
- Break-Away Mirror Arm
- Three-Piece Chrome Bumper
- Hood Opens Full 60 Degrees
- 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 Beam Headlights
- Daytime Running Lights

### Driver Protection

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

## THE TRADITIONAL STYLING YOU WANT. THE FUEL-SAVING AERODYNAMICS YOU NEED.

Had enough of road trips that make your teeth rattle? Then climb into a Volvo VT 880. You'll enjoy a ride that's smoother, quieter and more peaceful than any truck you've ever driven. But don't worry. You'll get used to it.



The shape of the Volvo VT 880 is a strategic combination of strength, power and smart design. The longer hood gives more of a 'classic' look, but with better aerodynamic properties. The lines are sleek and smooth, with rounded corners, recessed door handles and wedge-shaped headlights to lessen wind resistance. The welded High-Strength-Steel cab assures that there are no rivets to catch the wind and slow you down. And our shorter BBC allows you to specify a shorter wheelbase, so the gap between cab and trailer can be minimized for less air turbulence. The overall result is a lower drag coefficient than other traditional models. Which means a lower fuel bill for you.

### HERE'S A COOL IDEA:

#### BETTER AIRFLOW UNDER THE HOOD.

The 880 has aerodynamic advantages that make a big difference under the hood, too. To help keep the powerful, big-block engine running at peak efficiency, we've made sure it gets all the cooling it needs. The front bumper is designed with an opening that allows more airflow to the engine compartment. The bumper's rolled-under center section improves the channeling of air under the cab. And new recirculation shields around the radiator assure maximum cooling. With the engine always operating in its optimum temperature zone, fuel efficiency goes up while stress on components is reduced.



### HIGH RESIDUAL VALUE. PROOF THAT TIME IS ON YOUR SIDE.

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 strong when you're ready to trade.

Statistics show that Volvo trucks have the fastest growing residual value of any truck brand on the road. And it's a fact that traditional, long hood designs like the 880 do better at trade-in time than many of the more aerodynamic models.

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.

## A RIDE SO COMFORTABLE, YOU MAY FORGET YOU'RE IN A TRUCK.

The Volvo VT 880 is a big, rugged truck. But it has a gentle side, too. When you climb into the cab, you're entering a world that's quiet, peaceful and beautifully appointed. Put it in gear and you'll experience a ride that's smoother than any truck you've ever driven.

### AN ONGOING COMMITMENT TO QUALITY.

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 engineers 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.



The Volvo VT 880 features rugged suspensions that spare you bumps, bounces and noise. Even Volvo's D16 625 horsepower engine is matched to an innovative Non-Torque-Reactive suspension. This design easily handles the 2,250 lb-ft torque and delivers a more comfortable ride with the added benefit of less component wear. So even with Volvo's 16-liter engine and a full payload, the 880's suspension maximizes the handling and performance of the entire vehicle.

The 880's critical construction tolerances and welded High-Strength-Steel cab help keep vibrations to an absolute minimum. And thanks to superior insulation and soundproofing, you'll enjoy a quiet ride. The steering wheel is designed to give you the best possible grip, and the energy-absorbing steering column soaks up road vibration. The steering wheel tilts smoothly from 0° to 21° and telescopes a full 4.5", so you can position it wherever it's best for you. And you'll have your choice of multiple seating options for customized comfort and support.

### WHEN YOU'RE IN THE CAB, YOU'RE IN COMPLETE CONTROL.

In the 880's cab, an advanced climate control system keeps you comfortable regardless of the weather outside. Twenty-two strategically placed air vents – plus cold draft panels and airflow valves – circulate fresh air through the cab. Double sealed doors keep out water, wind and noise. And an independent air filtration system keeps the cab and sleeper area free of dust and pollen.

Even the dash is designed to keep you operating at peak performance. Controls are within easy reach, and often-used switches can be located right on the steering wheel. The driver display is positioned to let you quickly read key diagnostic information from a single, large screen. A handy cup holder has been integrated into the molded dash panel. And an advanced audio system delivers great sound to keep you company on the road.

## LIFE ON THE ROAD HAS NEVER BEEN BETTER. OR BIGGER.

With the Volvo VT 880, you're living large. You'll have the functional equivalent of a bedroom, kitchen, office and den, all in one spacious sleeper. So if you've got to spend weeks at a time away from home, this is the place to do it.



How big is big? Over 374 cubic feet of sleeper space, and over 520 cubic feet of total living space when you include the cab. There's plenty of room to stand, sit, walk around and stretch out. The Volvo VT 880's high ceiling eliminates any sense of being closed-in, and there's a skylight at the front plus two windows on each side wall to keep the cabin feeling open and bright.

With the 880, you'll be able to choose from three beautifully coordinated interior design packages. As is fitting for Volvo's top-of-the-line truck, the 880 offers a top-of-the-line saddle interior, with leather seats and brick-colored accent trim. It's lighter and brighter, even at night.

### A SLEEPER THAT'S SERIOUS ABOUT COMFORT AND CONVENIENCE.

The sleeper area is every bit as practical as it is spacious. The optional workstation does double duty as your dining table and office desk. After supper, the bench seats quickly convert to a full-length lower bunk. The upper bunk folds



out from the back of the cab, and a foldaway ladder allows easy access. The cabinet system can be configured to suit your storage needs, with solid doors to keep your possessions safe and secure. And you'll enjoy the convenience of appliance options that include a sink and refrigerator, with space for your microwave and TV/VCR.

A good night's sleep goes a long ways toward keeping you alert and clear-headed. So when it's time for lights out, there's both a sleeper curtain and a wrap-around windshield curtain to assure undisturbed relaxation. Each bunk has a well-placed reading lamp, and there are options for task and mood lighting throughout the cab. Control panels are located in the sleeper area as well as on the dash for handy lighting and temperature control. Upper and lower windows open to provide cross ventilation. And the entire sleeper area is carpeted for an extra touch of home-style comfort.

### RELIABILITY THAT PROTECTS YOUR PROFITABILITY.

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 880 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 avoids unexpected repairs. And by optimizing the ride, handling and visibility, the 880 keeps

you more alert, more comfortable and more reliable as a driver.

Trucking is serious business, and the 880 is a business tool you can trust. 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.

## HIGHWAY OR CITY, THIS TRUCK DRIVES LIKE A DREAM.

Here's proof that you don't have to sacrifice maneuverability to get the cab size and engine power you need. The Volvo VT 880 gives you more responsiveness and control than trucks half its size. So whether you're navigating a loading dock or a six-lane, you'll always be able to steer clear of trouble.



### EVERY VOLVO VT 880 COMES EQUIPPED WITH A COMPLETE SERVICE AND SUPPORT PACKAGE.

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 VT 880, 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.

The extended engine area adds a full foot of length to the Volvo VT 880. The cab is pushed 8" back, and the front axle has been moved 12" forward to what Volvo calls the Comfort Setting. With the front axle positioned farther forward, you get better balance over the road and a more comfortable ride in the cab. And even with its larger-than-life size, the 880 delivers a 45-degree wheel cut for tighter turning circle maneuverability.

And rather than wrestling with the steering wheel, you'll find this truck to be a driver's dream. A highly responsive steering system keeps the 880 nimble under all road and weather conditions. You won't have to 'saw' at the wheel to stay centered in your lane. Just aim and go.

### WITH THE 880, CHROME ISN'T JUST FOR COMPLIMENTS.

Whether it's polished steel, polished aluminum or traditional chrome, the 880's gleaming brightwork earns its keep. Front and rear polished aluminum wheels are standard, and they're crafted for strength and durability. The three-piece chrome bumper is wide and thick. There's extra brightwork on the headlights and mirrors. And the signature Volvo front grille is larger, with a wider chrome bezel and cross bars.

In true classic style, the exposed fuel tanks are polished to a reflective sheen. You can choose 22" or 26" diameter tanks to fit your driving needs. Around back, the 880's exhaust package features handsome chrome pipes and custom stainless steel heat shields. But if you'd prefer less wind resistance and more fuel economy, inboard stacks with aerodynamic cab fairings are also available.



## THOUGHTFULLY ENGINEERED TO KEEP REPAIRS TO A MINIMUM.

It goes without saying that Volvo uses the best available materials and components to keep your 880 running free of problems. But if needed, repairs are easy to make and critical components are easy to replace.



With freight to deliver and deadlines to meet, the last thing you need is to spend unnecessary time and money on repairs. That's why we've made the Volvo VT 880 harder to break and easier to fix. It's simple, really. By eliminating things that can go wrong, we'll help you save money on parts and service.

The 880's windshield is roped in, so there's no extended wait for glue to dry if replacement is needed. Break-away mirror arms lower the risk of impact damage. Adjustable internal door hinges are positioned out of the weather so they'll last longer. Rubber isolators allow the hood to flex independent of the cab, resulting in less component stress. A rugged, three-piece chrome bumper allows easy end cap replacement, and a large mesh stone guard gives added protection from road debris. Wheel wells have been designed for improved water handling and splash control. A three-piece splash shield system keeps the entire engine compartment cleaner, for longer component life. And the engine is designed to let you replace the V-belt without having to remove the fan or fan hub.



## YOU'LL SPEED THROUGH SERVICE CHECKS IN RECORD TIME.

Daily service checks on your 880 can be performed easily from the ground. The hood release is mounted on the steering column, which keeps it secure yet 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. Inside the cab, the two-piece engine cover can be removed without taking out the seats or floor mats.

The 880 is designed to save time on weekly service checks, too. The battery box and air tanks are conveniently located behind swing-out steps on the driver's side. Batteries are positioned close to the starter for higher cranking voltage and longer component life. The 880 even has built-in, knurled-brass jumper studs with rubber boots, so you're always ready for a clean, quick start. And headlight bulbs are adjustable and easy to replace without tools.

## AS YOU'D EXPECT, THE VOLVO VT 880 IS VERY BIG ON SAFETY.

Our most important job is to protect yours. So when it comes to safety, we take a proactive approach to avoiding problems out on the road. We're always looking for new ways to prevent accidents and protect you, your truck and your payload. That way, you'll sleep better at night. We will, too.

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 880 for superior accident survival.

We start with a High-Strength Steel cab, for the highest strength-to-weight ratio in the industry. Volvo cabs meet the requirements of the Swedish Impact Test – the toughest cab integrity test in the world.

In a severe collision, a remarkable system of defensive measures is available to take over. The three-point seat belt holds fast and the standard driver-side air bag deploys. Upon frontal impact the engine mounts are designed to release, pushing the engine and transmission down under the chassis 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 afterward. And the windshield can be kicked out for emergency exit.

As you can see, we're committed to being the best in over-the-road truck safety. Will you ever need these protective features? We hope not. But it's good to know they're there.

### OUR INNOVATIVE SAFETY FEATURES ARE STANDARD EQUIPMENT.

You'll enter the 880's cab via self-cleaning, anti-slip steps. 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 mounted inside the cab and out of the weather 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 or 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 is the largest in the industry giving 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 sloping side windows help you stay aware of nearby objects. 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.

