

VOLVO VN 780

Volvo Trucks. Driving Success.®



The VN 780 is an aerodynamic over-achiever that will forever change your impression of how trucks look, ride, and handle. And it's everything you'd expect from the flagship model of the Volvo VN line.

VN 780

IT'S YOUR TYPICAL HOME OFFICE, BUT THE VIEW KEEPS CHANGING.



VN 780 AT A GLANCE

Overview

- 77" Raised-Roof Sleeper Cab
- Expansive, Space-Efficient Interior
- Luxury Features and Appointments
- Aerodynamic Hood for Fuel Economy
- Easy-to-Service Volvo Diesel Particulate Filter
- Engineered for Performance, Designed for Safety
- Efficient Instrumentation and Driver Environment

Ride and Handling

- Quiet, Smooth Ride
- Cab Air Suspension
- Ergonomic Seats
- I-Shift Intelligent Transmission
- Up to 50° Wheel Cut for Tight Turning Radius and Excellent Maneuverability
- Highly Responsive Steering
- 2,000 Square Inch Windshield for Superb Visibility
- Frame-Mounted Hood Minimizes Vibration
- Chrome Headlight Assembly with Projection Headlights Improves Right Shoulder Night Time Visibility

Driver Comfort

- Adjustable Tilt/Telescoping Steering Column
- Comfort Grip Steering Wheel
- Ergonomic Dash with Tactile Switches
- Solar-Managed Windshield
- Insulated Cab Minimizes Noise
- High-Performance Climate Control System
- Double-Sealed Doors Keep Out Noise and Dirt
- Cab Air Filter

Sleeper Environment

- 374 Cubic Feet of Sleeper Space
- Sink/Kitchen Appliance Options
- Dining Table Converts to Bunk
- Roof Window and Two Side Windows
- Windshield and Sleeper Curtains
- Carpeted Sleeper Area
- Workstation Option Available

Driver Protection

- Only Manufacturer that Meets or Exceeds Standards of Swedish Impact Test
- Interior Hood Release on Steering Column for Security
- Volvo Link Sentry Standard
- Self-Cleaning, Anti-Slip Steps
- Interior Grab Handles Stay Warm and Dry, Designed for Safe 3-Point Entry/Exit
- Volvo Enhanced Stability Technology (VEST) with ABS and Stability Control Standard
- Overlapping Sun Visors Reduce Glare
- Projection-Beam Headlights
- Daytime Running Lights
- Driver-Side Air Bag Standard
- Energy-Absorbing Steering Column
- Engine and Transmission Designed to Drop Under Cab in Major Frontal Impact
- Door Hinges Designed to Stay Closed in Collision and Open Afterwards

Durability

- High-Strength-Steel Cab
- Welded, Galvanized Construction
- Automotive-Finish Factory Paint
- 3-Piece Steel Chrome Bumper
- Heat-Treated Frame Rail Rated at 120,000 psi

Serviceability

- Hood Opens 60° for Full Access to Engine & Components
- Gas Shocks Assist in Hood Opening and Closing
- Roped-In Windshield Easily Replaced
- Halogen Headlights Replaceable with No Tools
- Ground Access to Service and Check Points on Cool Side of Engine



Lower costs and a higher standard of living.
All in one talented truck.

The VN 780 has always had a dual agenda. One is to champion the comfort and safety of the driver. The other is to deliver engineering that takes performance and aerodynamic efficiency to new heights.

The VN 780's raised roof is tall enough for a person 6'10" to stand with room to spare. In fact, the 77" sleeper offers a remarkable degree of space efficiency. But behind the sleek curves and spacious interior is a truck that truly means business. The VN 780's nimble handling will get you from loading dock to loading dock with ease, with fewer fuel and maintenance stops along the way.

Note to the wind: resistance is futile.

Everything – from the sloping hood and windshield to the rolled-under bumper, recessed door handles, and wedge-shaped headlights – has been sculpted and streamlined for the lowest possible drag coefficient. And thanks to the shorter Volvo wheelbase, the gap between cab and trailer can be minimized for less air turbulence. As a result, the VN 780 requires less engine power to push through the air. Which can mean fewer stops at the pumps.

This is one truck that knows how to maneuver.

Whether you're pulling a van trailer, flatbed or reefer, the VN 780 lets you



make every move with ease and precision. That's especially true in tight spots like loading docks, where both space and time are in short supply. The set-back axle and up to 50° wheel cut deliver a turning radius that's one of the tightest in the industry. And with Volvo's responsive steering, you'll be able to maneuver safely and confidently in any terminal or traffic situation.

With a sleeper this big, cabin fever is a thing of the past.

Bedroom. Office. Kitchen. Dining Room. Den. With the VN 780, you get the functional equivalent of all these rooms combined. The workstation doubles 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 stacking cabinets can be custom-configured to suit your storage needs. And you can add a full complement of optional appliances, from microwave, refrigerator, and TV/VCR to a built-in sink with running water.

**You're a successful businessman.
You deserve a nice office.**

The VN 780 knows you have a job to do and a business to run. That's why it packs you the power you need for even the most challenging routes. And it's why the ride is so quiet and the climate is so perfectly controlled, mile after mile. All in all, the VN 780 delivers a highly efficient environment that allows you to get a lot of work done.

INTERIOR OPTIONS

Elite
NeoClassic
Aurora



Elite
Techno
Prism



Signature
NeoClassic
Platinum



*Above is a sampling of the interior packages offered for this model. Please see your dealer for a complete list.

VOLVO VN 780 SPECIFICATIONS, OPTIONS, AND ENGINES

BBC	188.8" (4796 mm)
FRONT AXLE POSITION	52.2" (1326 mm)
CAB VERSION	77" High-Roof Sleeper; Long Hood
ENGINES	Volvo D13 335-485 hp @ 1350-1650 lb-ft Volvo D16 450-535 hp I-Torque @ 1650-1850 lb-ft Cummins ISX and ST2 385-550 hp @ 1450-1850 lb-ft
TRANSMISSIONS	Volvo AT and ATO I-Shift; 12 speed Eaton® Fuller® FR, FRO, RTO, RTLO 10, 13, 15, and 18 speed; AutoShift® and UltraShift® ZF-FreedomLine MO 12 speed
FRONT AXLES	Volvo VF12 and VF14; 12,500, 13,200, and 14,600 lb Meritor® FF941, FF943, FF961, and FF967 Easy Steer™; 12,500, 13,200, and 14,600 lb Hendrickson STEERTEK®; 13,200 and 14,600 lb
FRONT SUSPENSIONS	Parabolic leaf spring; 12,500, 13,200 and 14,600 lb Hendrickson AIRTEK®; 13,200 and 14,600 lb
REAR AXLES	40,000 and 46,000 lb Meritor RT40 and MT40 40,000 lb Dana Spicer DST40 and DST41
REAR SUSPENSIONS	38,000 – 40,000 lb Volvo Air Suspension 40,000 lb Hendrickson HAS 40,000 lb Volvo PRIMAAAX
FRAME RAIL PACKAGES	4 sizes, RBM 1,610,400 to 2,460,000
INTERIOR TRIM PACKAGE	Three interior trim packages in three color selections



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