

VHD

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VHD SPECIFICATIONS, OPTIONS AND ENGINES.

BBC	113"
Front Axle Position	29" or 51"
Cab Version	Daycab
Engine Package	Volvo VED12 365-465 hp
Transmission	Eaton FRO, RTO, RT 9, 10, 13, 15, 18 Speeds Eaton Autoshift® 10, 18 Speeds
Front Axle Package	12,000 – 22,800 Spring Suspension
Rear Axle Package	21,000 – 23,000 Eaton/Meritor Single Axle 23,000 – 30,000 Eaton/Meritor Single Axle 40,000 Eaton/Meritor Tandem Axle 46,000 Eaton/Meritor Tandem Axle 46,000 – 65,000 Tandem Axle
Frame Rail Package	5 Sizes, RBM 1,884,000 – 4,152,000
Interior Trim Package	2 Levels with Multiple Color Selection

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.

In fact, its simple design means it's more economical, more reliable and easier to maintain than other EPA-certified engines. Our selection of engines is just another way we're helping you rev up your bottom line.

VOLVO

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MUD, HILLS, HEAVY LOADS AND CROWDED JOB SITES.
JUST A TYPICAL DAY AT THE OFFICE.

VOLVO

VHD AT A GLANCE:

Overview

- Highly Efficient Vocational Trucks
- Wide Range of City and Job-Site Applications
- High Payload Capacity
- Excellent On- and Off-Road Maneuverability
- Outstanding Visibility
- Weight-Conscious and Fuel Efficient
- Welded Cab, No Rivets
- Easy Body Builder Upfit
- PTO Ready

Ride and Noise

- Smooth, Quiet Ride
- T-Ride™ Suspension System
- Multi-Directional Shock Absorbers
- Energy Absorbing Steering Column
- Ergonomic Seats

Driving Environment

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

Maneuverability

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

Durability and Service

- Easily Replaceable Windshield
- Break-Away Mirror Arm
- Heavy Duty, Three-Piece Bumper
- Hood Opens Full 60 Degrees
- Easy Access to Service Checkpoints
- Adjustable Internal Door Hinges
- Hood Release on Steering Column
- Splash Shields Minimize Road Spray

Accident Prevention

- Self-Cleaning, Anti-Slip Steps
- Interior Grab Handles
- ABS System Standard
- Extra Large, One-Piece Windshield
- Sloped Side Windows
- Overlapping Sun Visors
- 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

IN A VHD, BUSINESS IS GOOD EVEN WHEN CONDITIONS ARE BAD.

You say your job forces you to haul heavy loads up steep hills, over rugged terrain and into cramped construction sites in lousy weather? Bring it on. Your Volvo VHD can handle it.



Whether it's a dump truck, mixer, tractor or refuse truck, vocational vehicles face a tough challenge. They have to give their best performance under the worst conditions. That's why we build Volvo VHD trucks to operate at the highest level of dependability, maneuverability and payload capacity. Because no matter how demanding the situation is, you're counting on your trucks for a full day's work, every day.

Volvo VHD trucks are designed for non-stop reliability in extreme weather, rugged terrain, and crowded construction sites. On the road, your VHD will get you to the job safely and on schedule. On the site, you'll be able to take your payload anywhere it needs to go. To keep your drivers happy and productive, the cab interior is quiet, spacious and comfortable. And we've included a full package of protective features to ensure the safety of all on board.

If you're looking for an easy solution in a tough industry, take a close look at the Volvo VHD. Between our trucks and the support we give them, it's simply a better way to make your business more efficient and more profitable.

DURABILITY THAT SAVES MONEY ON REPAIRS.

The VHD's cab is made of High-Strength Steel with the highest strength-to-weight ratio in the industry. For maximum structural integrity, the cab is welded rather than riveted. The heavy-duty front bumper is stronger and more durable under tough job-site conditions, and an optional three-piece design allows easy end cap replacement. Break-away mirror arms lower the risk of impact damage, and let you fold the mirror back to negotiate tight locations. A three-piece hood design allows for easier repair and replacement, and rubber isolators allow the hood to flex independent of the cab, reducing component stress and damage. Brake chambers and key chassis components are mounted to provide maximum ground clearance and protection. Adjustable cab door hinges are positioned out of the weather so they'll last longer.

VHD TRUCKS ARE BUILT FOR THE ROAD, NOT THE SHOP.

Since your profits depend on keeping downtime at a minimum, we've engineered the VHD for maximum dependability. By using only the best materials, parts and assembly techniques, we've created a truck that avoids unexpected repairs. And by optimizing the ride, handling and visibility, the VHD keeps you more alert, more comfortable and more reliable in the driver's seat.

As a business tool, a VHD is an investment you can trust. Volvo's commitment to reliability, performance and safety rides with you mile after mile to provide serious protection for your income, your delivery schedules and your reputation. With Volvo, you'll have more uptime. Not only that, you'll have a better time, period.



MANEUVERABILITY THAT GETS YOU IN AND OUT, QUICKLY AND SAFELY.

Are you constantly faced with tight turns and delicate maneuvers? Whether it's a residential driveway or a congested construction site, this truck makes it look easy. Because in a VHD, it is.



The VHD gives you better visibility and maneuverability, which makes it a safer truck no matter where the job takes you. A panoramic one-piece windshield and sloped side windows give you a better view of where you are going. Volvo's responsive steering assures effortless handling even in heavy traffic or over rough terrain. And whether you choose the axle forward or axle back position, you'll enjoy a turning radius that's one of the tightest in the industry.

The VHD suspension system is designed to deliver the best ride under the worst conditions. Our standard Volvo T-Ride™ suspension features trunion-mounted springs and rubber towers for excellent traction and up to 17" of articulation in off-road conditions.

LESS MAINTENANCE. FASTER SERVICE. YOU'RE WELCOME.

All service checks on your VHD can be performed quickly and safely from the ground. The hood release is safe and secure on the steering column, and can be easily reached without climbing into the cab. The hood opens to a full 60 degrees for easy engine access. Fill sites are on the "cool" side of the engine. Hood splash shields nearly eliminate road spray, for a cleaner engine and longer component life. Features such as belt tensioners and constant-torque hose clamps eliminate the need for periodic adjustment and unplanned stops. Wiper arms fold forward for easier windshield cleaning. And headlight bulbs are easy to adjust and replace.

WHEN IT COMES TO PAYLOAD CAPACITY, THINK BIG.

By making our VHD trucks stronger and lighter, we trade chassis weight for valuable payload capacity. From the High-Strength Steel cab to the taller profile frame rails, our weight-conscious design dramatically increases payload. Optional aluminum intermediate cross members save even more weight, and a choice of front axle positions ensures correct weight distribution for every application. In addition, the back of cab is kept "clean" for a closer body fit and better weight transfer to the front axle.



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 designers use the industry's most advanced technology to design each model from the ground up, using only the best available 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.

COMFORT. IT'S A NEW CONCEPT IN VOCATIONAL TRUCKS, BUT YOU'LL GET USED TO IT.

For a driver, this is the ultimate environment. From the luxurious seats to the ergonomic dash, everything is designed for comfort, convenience and control. Just like it's supposed to be.



WHEN YOU BUY A VHD, YOU GET AN ENTIRE TRUCK COMPANY.

Buy a truck, get the 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 VHD, **Volvo Commercial Finance** is 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.

Volvo VHD trucks give you extra room between seats and ample storage space for personal gear. Superior insulation and soundproofing keeps the cab quiet, and an advanced climate control system maintains a comfortable cab temperature. Cab doors are double sealed to keep out water, wind and noise, and a sophisticated air filtration system keeps the cabin free of dust. Controls are within easy reach, and often-used switches can be located conveniently on the steering wheel.

WORKING WITH A BODY BUILDER? NO SWEAT.

The Volvo VHD is engineered so body builders can work with speed and accuracy. Our flexible design allows for quick mounting and easy hook-ups, and reduces body installation problems. The body builder junction box is easily accessible, and includes connections for all signal lights. The battery box, air tanks and fuel tanks are positioned far forward to allow a variety of body applications.

VHD trucks also make it easy to power your dump, refuse or mixer systems. PTO from the engine and transmission is integrated into the chassis frame, with switches mountable on the dash.

WE'VE MADE YOUR SAFETY A PRIORITY.

The VHD has anti-slip steps that are offset so you can see them better, even at night. We've made the door extra wide, with grab handles mounted inside the cab and out of the rain. Volvo's panoramic windshield gives you over 2,000 square inches of viewing area, so you'll see more of the road. And the VHD's sloping hood and side windows give you better visibility of close-range hazards.

To help prevent accidents, the ABS system provides greater control during emergency braking. In the event of frontal impact, a system of protective measures is designed to take over. Engine mounts release so the engine and transmission are pushed down under 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.

