

V O L V O

FIRE AND RESCUE

Volvo FL, Volvo FE, Volvo FM and Volvo FMX





Safety through innovation

With world-class safety levels, leading cabin ergonomics and state of the art technology throughout, our range of Volvo cabs are designed with the operational firefighter in mind.

Developed based on real world feedback from firefighters, and with a human centric approach, Volvo trucks offer the highest standards in performance, ergonomics and driver safety.

Volvo Trucks are proud to offer products that help to improve the safety and well-being of emergency services personnel.

At Volvo Trucks we believe that when lives are on the line, safety comes first.



Features

OPTIONS FOR ALL APPLICATIONS

- Pumping appliances.
- Aerial appliances.
- Water and foam carriers.
- Command units.
- Rescue appliances.
- Special vehicles.

EVOLUTIONARY DRIVER INTERFACE

- Dynamic instrument displays.
- Access to the right information in all possible situations.
- Flexible operational logic - makes it easier for you to keep your hands on the steering wheel and your eyes on the road when driving or responding.

SPACIOUS CABS THAT ARE FIT FOR PURPOSE

- Market leading interior space.
- Rear area designed for operational efficiency with various seating options.
- Easy to clean trim materials.



The image shows the interior of a Volvo truck cab. The dashboard is equipped with multiple digital displays and control panels. A steering wheel with the Volvo logo is prominently featured in the foreground. The control panel includes various buttons and switches, including a horn button and a siren button. The overall design is functional and modern, typical of a commercial vehicle interior.

EXCELLENT VISIBILITY

Generous window areas.
Minimal blind spots.
Slimline mirror design.

PERFORMANCE AND HANDLING

Multiple engine options.
Fully automatic transmissions.
Multiple axle configurations.
Various PTO options.

BODYBUILDER PACKAGING

Bodybuilder friendly cab and chassis packaging which offers an easy to build on platform.
Reduced bodybuilder lead times.
Fit for purpose crew cabs built on feedback from bodybuilders and fire and rescue services.



Certification and Safety

CAB CERTIFICATION

All Volvo cabs meet the ECE R29 cab safety standard. For the ultimate protection, Volvo cabs feature an injury-preventative design using energy absorbing materials.

Key cab safety features:

- Certified ECE R29 occupant protection in cabs of commercial vehicles i.e. cab safety
- Fulfils EN1846:3 firefighting and rescue service vehicles



Firefighter well-being



Firefighter wellbeing is paramount. That's why Volvo Trucks crew cabs have been designed in consultation with industry partners to create the optimal environment for operational fire fighting crews.

In the cabin, Volvo has reduced exposure to potentially harmful airborne contaminants by using materials that

minimise gas emissions from the interior fittings and reduce the risk of contact allergies.

Enhanced ergonomics and a spacious, well-lit cabin ensure crews arrive on the scene focused on the task at hand.



Service and Support

When you purchase a Volvo truck, you are not just completing a transaction, you become part of the Volvo family. With the extensive UK and Ireland dealer network, Volvo Trucks is committed to supporting you anytime, anywhere.

We genuinely understand the enhanced needs of our partners in the emergency services, and we know what it takes to succeed. We're committed to providing the very

best in safety, quality and reliability for the life of your vehicle, plus comprehensive support when you need it most.

Volvo telematics and onboard vehicle diagnostics systems work intelligently, offering complete fleet visibility, real time performance snapshots and asset health monitoring. Preventative maintenance planning and scheduled servicing is provided using the latest in connected systems.

Solutions for Fire and Rescue Services





Bodybuilder

Pumping appliance or aerial, foam tenders or command units? Volvo Trucks have relationships with all major UK and European bodybuilders. No matter what application you need, the Volvo chassis is ready for it.

The flexible chassis and long list of specification options, make it easy for bodies to be built to meet your requirements.

When you order your Volvo truck, we give the bodybuilder instant access to the Volvo Bodybuilder Instructions (VBI) online portal. Precise 3D drawings allow them to start work while we build the truck, which arrives from the factory perfectly prepped, saving unnecessary reconstruction work. This means your truck is delivered faster, more cost-effectively and is ready to be tailored to your requirements.





Volvo Bodybuilder Instructions (VBI)

Accessible 24/7 and available in 12 languages, the VBI is an essential resource for bodybuilders and workshops. Superstructure instructions include chassis drawings, wiring diagrams, data sheets and accessories.

Power take-offs

There are a wide range of clutch-independent and clutch-dependent power take-offs available, to drive all sorts of body equipment.

Straight frame

The Volvo frame is completely straight and parallel behind the cab, making the bodybuilder's job a whole lot easier.

Bodybuilder's area

Our engineers never place anything above the top of the frame. This area belongs entirely to the bodybuilder, adding a lot of flexibility.

Dedicated holes

The frame comes with an upper row of holes designated for the superstructure. Since we don't use any rivets, the bodybuilder can easily attach equipment.

Exact rear overhang

The rear frame can now be factory cut exactly as you need it – in 50 mm increments – to perfectly match your superstructure.

Specification options

Lots of possible combinations make a truck easier to tailor. That's why we offer a broad range of options for axle configurations, chassis heights and wheelbases.

Bodybuilder module

This makes it easy for the bodybuilder to tap into the truck's electrical system to tailor functions. The bodybuilder module is conveniently accessed through flexible dashboard switches and the Work Remote.

Attachment brackets

The chassis can be factory prepared with body attachment brackets, mounted on the frame – now available not only in the wheelbase area but also on the rear overhang.

Prepared for a crane

A low chassis and high axle loads are on every crane builder's wish list. Our chassis come with both. We can also create a free frame space near the cab, and deliver your truck with factory-mounted crane plates.

Alternative fuels

Alternative fuels are an essential part of our strategy moving towards sustainable transport. We offer different solutions for alternative fuels depending on your operational requirements.

Our electric trucks are perfect within and between city areas and our diesel-powered trucks can be fueled with HVO – made from renewable resources.

They all help to reduce your environmental footprint.



Electromobility made easy.

The future is electric, and the shift is now. When you're aiming at cutting CO₂ emissions in your operation and want to be confident about charging and operating range, we're here to help. With Volvo Trucks, your own transition to electric can be done in a structured and efficient way.

Go electric with us, and you'll not only get access to a wide range of electric truck solutions with zero exhaust emissions. You'll also benefit from our many years of real-life experience.

Towards zero emissions.

Electric transport solutions can reduce your CO₂ footprint significantly — both in terms of everyday use, and throughout the entire lifecycle.

The CO₂ emissions generated during the production of a Volvo electric truck are more than those generated by the production of one with a combustion engine. But once the electric truck is in use, its tank-to-wheel CO₂ emissions drop as low as zero when using renewable energy sources.

When this is done over its entire lifecycle, the electric truck wins by a broad margin. And it gets even better when a sustainable end-of-life process has been implemented for the batteries.



CO₂ targets reached.



Versatile and reliable trucks.



Charging setup.

Multiple Volvo chassis for complete fire applications

Model	Weight GVW	Engine	Cab Options				
FL 4x2							
FL 512	10/12 Tonnes	210 & 240hp	Day	Medium			Crew
FL 514	14 Tonnes	210 & 240hp	Day	Medium			Crew
FL 812	12 Tonnes	250 & 280hp	Day	Medium			Crew
FL 814	14 Tonnes	250 & 280hp	Day	Medium			Crew
FL 816	16 Tonnes	250 & 280hp	Day	Medium			Crew
FL 818	18 Tonnes	250 & 280hp	Day	Medium			
FL 4x4							
FL 4x4	12 Tonnes	250 & 280hp					
FL 4x4	14 Tonnes	250 & 280hp					
FL 4x4	16 Tonnes	250 & 280hp	Day	Medium			Crew
FE							
FE 4x2	18 Tonnes	250, 280, 320hp & 350hp	Day	Medium	Sleeper	Low Roof	
FE 6x2	26 Tonnes	250, 280, 320hp & 350hp	Day	Medium	Sleeper	Low Roof	
FE 6x4	26 Tonnes	250, 280, 320hp & 350hp	Day	Medium	Sleeper	Low Roof	
FM							
FM 4x2	18 Tonnes	330, 380, 420, 430, 460 & 500hp	Day		Sleeper	Low Roof	Crew
FM 6x2	26 Tonnes	330, 380, 420, 430, 460 & 500hp	Day		Sleeper	Low Roof	Crew
FM 6x4	26 Tonnes	330, 380, 420, 430, 460 & 500hp	Day		Sleeper	Low Roof	Crew
FMX							
FMX 4x2	18 Tonnes	330, 380, 420, 430, 460, 500 & 540hp	Day		Sleeper	Low Roof	Crew
FMX 4x4	18 Tonnes	330, 380, 420, 430, 460, 500 & 540hp	Day		Sleeper	Low Roof	Crew
FMX 6x6	26 Tonnes	330, 380, 420, 430, 460, 500 & 540hp	Day		Sleeper	Low Roof	Crew

Some of the equipment shown or mentioned may only be available as options or accessories and may vary from one country to another in accordance with local legislation. Your Volvo Trucks dealer will be happy to provide you with more detailed information. Colours may vary somewhat owing to the limitations of the printing process. We reserve the right to alter product specifications without prior notification.

Learn more and build your new truck at volvotrucks.co.uk/emergencyservices

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