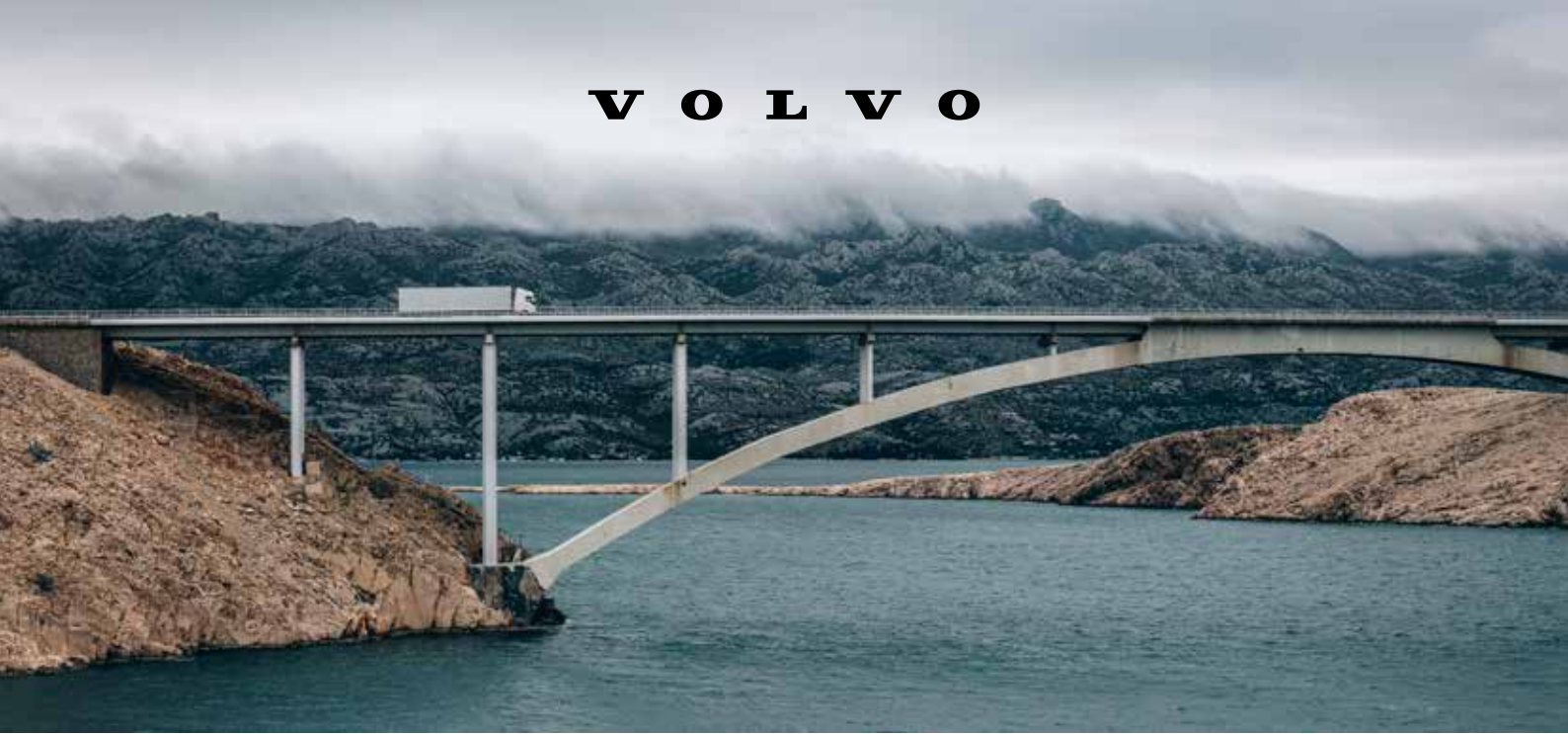


V O L V O



VOLVO FH

THE ULTIMATE LONG HAUL EXPERIENCE

Volvo Trucks. Driving Progress





SHRINKING THE DISTANCE





**The ever-changing
constant.**



The Volvo FH is an icon – an ever-changing constant that just keeps getting better and better with every generation. And more than ever, it's the ultimate long haul experience.

Choose whether you want to cover long distances with ease on pure electric power, on gas with plenty of range or efficient diesel power that will take you further than anything else. With the Volvo FH you can go either way. And thanks to the continuous improvements we make to our

powertrains and aerodynamics, you can reach a level of efficiency, comfort, and safety that few can match. Always backed up by the services and support that will help you get the most out of what you put in. This is evolution by Volvo Trucks.



Your cockpit. And home away from home.

We designed the driver interface to help you keep your hands on the wheel and your eyes on the road. And when you need to take a break or spend the night in the cab – we've made sure you get the highest living comfort possible, storage and power for your gear and a good night's sleep.

In position

You shouldn't have to pay the driver interface too much attention, instead we designed it to be intuitive and help you concentrate on your work. Have a seat, and your hand naturally lands on the I-Shift gear lever. The neck tilt function gets the steering wheel in your favourite position.

Clear and dynamic

The instrument cluster is all digital and fully dynamic. It's adaptable for every situation, whether you're doing your daily check, going at full speed on the highway or navigating to your pickup point. Most functions are managed using steering wheel controls. Everything is intuitive, adaptable and accessible, exactly the way you expect it to be.

Your suite

The latest leap in the evolution of the Volvo FH is born of a proud legacy of comfort and safety for resting and overnight stays – the Globetrotter cabs. Choose from five different cab sizes, all with plenty of space for you and your gear. Full standing height, plenty of storage and either one or two beds with either a pocket spring mattress or a premium foam mattress ensure a good sleep. If your truck is parked on a slope, you can adjust the bed to compensate to improve sleeping comfort further. And when you need to get your rest in broad daylight, just draw the blackout curtains.

Stay powered

Do you use a lot of onboard equipment for comfort, communication and entertainment? With the dual battery system, you'll have all the power you need for both your comfort and your uptime.



HOME IS A GOOD NIGHT'S SLEEP



The Volvo FH in numbers.

Discover the details that define the Volvo FH. The figures and hard facts speak for themselves. This is an icon ready to be tailored for your specific needs.

7

The Volvo FH is available with seven different Euro 6 diesel engines, ranging from 420 hp to 540 hp.



1993

The very first generation Volvo FH was launched in 1993. Ever since, evolution has kept this truck at the forefront within long haul transport.

900

The engines of the Volvo FH with I-Save offers maximum torque already from 900 rpm.

5

Get your Volvo FH with up to five axles directly from our factory.

38

The heavy-duty bogie manages loads of up to 38 tonnes. With ease!

300

If you choose to go electric, you get up to 300 km of operating range.

650

Get your Volvo cab delivered in the colour you like. Choose from over 650 different hues, tints and shades.



220

The Globetrotter XL and Globetrotter XXL cabs offer plenty of headroom, 220 cm full standing height, and plenty of storage.

2800

The 500 hp version of the Volvo FH with I-Save offers up to 2800 Nm of torque.

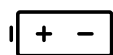




Choose your
superpower.



Efficiency is a Volvo FH speciality, and whatever your choice of superpower, you can feel confident that your Volvo FH will deliver the performance you need and make the most out of all the energy you put in.



Electric power

Zero exhaust emissions, quieter operation, excellent energy efficiency, and instant power delivery – the electric powertrains offer it all. Three electric motors delivering up to 490 kW (666 hp) of continuous power through the I-Shift means this powertrain manages up to 44 tonnes GCW with ease. With Active Grip Control, you get maximum traction and startability performance in all conditions.

Range for your needs

We tailor your Volvo truck for your routes and assignments. The Volvo FH Electric with fully charged batteries gets you up to 300 km*. However, the continuous development of batteries will enable an even longer range. Visit volvotrucks.com or contact your local dealer for details.



Gas power

The same driveability and productivity as diesel-powered trucks, but with a smaller environmental footprint. The Volvo FH LNG is powered with natural gas or biogas, and it comes with either a 420 hp or 460 hp 13-litre engine connected to the I-Shift. Operating on natural gas, it offers an instant CO₂ emissions reduction** compared to diesel. And it offers the potential to reduce your costs for fuel.

Range to take you far

Depending upon tank configuration, your Volvo FH LNG can cover an operating range of up to 1 000 km, making it ideal for interregional transports as well as longer, fixed routes.



Diesel power

The Volvo FH has a choice of seven different 13-litre diesel engines with outputs from 420 hp to 540 hp. They offer a high torque at low revs – and if you choose the engines with Turbo Compound, even more so. You'll be able to climb steeper hills in top gear easier than usual. Our engines can be combined with a wide range of I-Shift transmissions and rear axles. This means we can tailor the Volvo FH powertrain for your specific needs.

I-Shift in the right gear

The I-Shift is Volvo Trucks' range of automated transmissions for different needs. They all offer fuel-efficient and reliable operation and you're always in the right gear. For uninterrupted power delivery, go for the I-Shift Dual Clutch. If you're pulling heavy loads and need to manoeuvre at low speed – the I-Shift with crawler gears might be for you.

The Change Direction feature gives you one pedal drive functionality when shifting between forward and reverse. And with Active Grip Control, you get maximum traction and startability performance in all conditions.

Less fuel with I-Save

Excellent driveability and fuel economy. I-Save combines our D13TC engines with other fuel saving features. It lets you drive at lower revs and higher gear for a longer time – contributing to a smoother, quieter drive.

I-See with I-Torque

I-See helps you save fuel by automatically optimising speed and gear changes for the topography of your specific routes. The I-Torque function further controls the available engine torque when climbing hills to save fuel.

* We say that the Volvo FH Electric offers a range of up to 300 km. However, range depends on external conditions such as the weather and wind resistance, together with the total weight of the truck and the driver's performance. ** Tank to wheel.



A chassis made for your work.

The Volvo FH is loaded with features that are there to let you do more with less effort and in less time. We tailor your chassis to support the success of your operations – using components and systems that are made to work reliably for many years to come.

Air suspension

Whether you're into demanding long haul transport or driving in off-road like conditions – you can get your chassis with air suspension, purpose designed for these different tasks.

Volvo Dynamic Steering

Perfect stability and control at all speeds, combined with reduced strain on your muscles. The Volvo Dynamic Steering offers it all – plus you get assistance to avoid skidding and unintentional lane changes. It's every driver's dream.

38 tonnes on the bogie

For high demands on load capacity, there's a heavy duty bogie for the Volvo FH that manages loads up to 38 tonnes.

Axles for margins

The air suspended front axles on the Volvo FH can take up to 10 tonnes of load each, for your load capacity or increased flexibility.

Tandem axle lift

Lift one of the tandem drive axles when you need to. It gives you the traction and load capacity of two axles when you need it – and the agility, fuel efficiency and tyre wear of one axle the rest of the time.

Five axles for massive capacity

You can get a five-axle truck delivered direct from the factory. You'll get your truck quicker and you will get it with a complete vehicle type approval along with a full Volvo warranty and our aftermarket support.

Lightweight specs

Does payload count and do you stay away from rough terrain on your routes? Get your Volvo FH with a lightweight specification that lets you increase your payload and boost your productivity without compromising on durability.

Protecting others. For your safety.

Safety is at our very core – and the driving force behind the constant improvements we are making to our trucks and services. When designing driver support systems, we aim to comply with regulations with a broad margin – and design systems that are convenient to use and really help the driver.

Lane Keeping Assist

Enjoy the support of keeping your truck in the lane. Lane Keeping Assist uses the front camera to continuously detect lane markings and provides a gentle steering support towards the centre of the lane in case the truck should be on its way to unintentionally cross the line.

Adaptive Cruise Control

In heavy traffic, the radar-based system helps you keep a distance from the vehicle in front of you. The Adaptive Cruise Control can be activated at speeds above 4 km/h and once activated, it works all the way down to standstill. This makes the Adaptive Cruise Control a perfect tool even when the traffic runs slow.

Downhill cruise control

Are your routes hilly? The downhill cruise control engages the auxiliary brakes, like the engine brake and retarder, to keep the speed you've set on your cruise control.

Distance Alert

When driving at speeds over 60 km/h and not using the Adaptive Cruise Control, the Distance Alert is activated. As you approach another vehicle in front, a visual alert is displayed on the wind-screen, giving you a chance to slow down and maintain a distance.

Side Collision Avoidance Support

This system uses radars to detect vulnerable road users and other objects on the sides of your truck. The General Safety Regulation demands covering the passenger side – but Volvo Trucks' system covers both sides of your truck.

Electronic Stability Control

Volvo's Electronic Stability Control efficiently reduces the risk of skidding and rollovers. When the system detects a critical situation, it instantly kicks in, reducing engine power and applying brakes to each wheel of the truck and trailer individually.

Passenger corner camera

Uncover hidden angles and improve visibility. Positioned at the foot of the passenger side mirror, this camera is automatically triggered by the turning indicator and projected onto the driver's side display screen. Perfect in streets, highways and construction sites.



An aerial photograph of a winter landscape. A snow-covered road or path runs diagonally across the frame. To the right of the road is a dark, textured body of water, possibly a lake or a large pond. The snow is uneven, with some areas appearing more compact than others. The overall tone is cool, with deep blues and greys in the water and bright whites in the snow.

JUST YOU AND THE ROAD



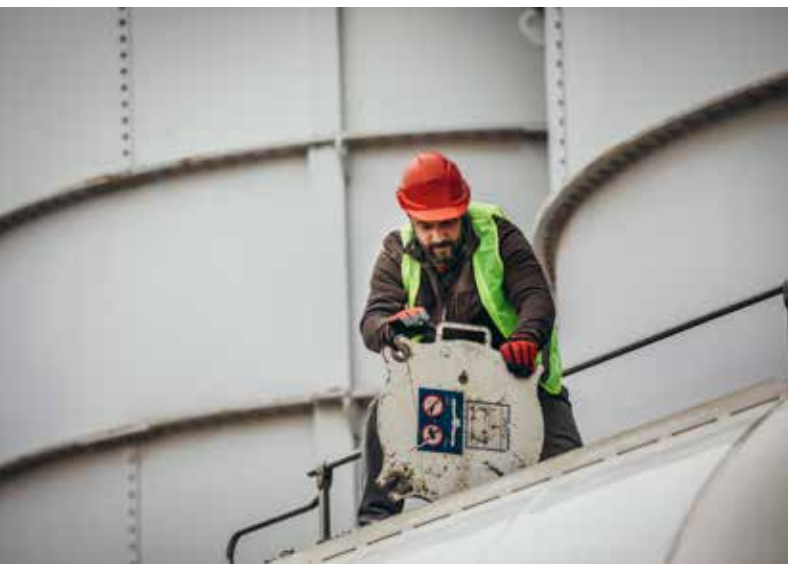
Which Volvo FH suits you?

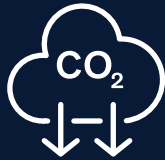
It may be the ultimate long haul experience – but the Volvo FH can be tailored for a wide range of transport tasks where you prioritise power, driver comfort and cab space.



Long haul transports aside, our customers use this truck for everything from heavy transports and demanding operations in the construction industry to tough work in mines and quarries. The Volvo FH serves in regional haul and container transports as well as in chemical and petroleum

transports. And we can tailor it for specific needs with the agriculture and the forestry industry as well as a specialised tool for service and utility transports. Whatever your specialty, there's a Volvo FH to match.





Supporting
CO₂ targets.



Versatile and
reliable trucks.



Support for
your business.



Charging
setup.



Volvo financing
designed for
your needs.



Range tailored
for your
transport.



High driver
performance.



Secured
deliveries.



Predictable
total cost of
ownership.



Service and
maintenance.



Remote
monitoring of
your fleet.



Optimised
route planning.

One point of contact. One complete package.

When you're building a solid and efficient transport operation, you need to cover a lot of bases. We take all of them into account when building your transport solution. Without exception.

We've considered every aspect of what it takes to run a transport operation, and here are just a few examples of services that will make your life easier and improve your operation.

The **Volvo Gold Service Contract** includes preventative maintenance and repairs, and covers the complete truck to minimise the risk of any unplanned stops.

The **Dynafleet** services take care of everything from route planning and energy use – to driver times, positioning and asset management.

With the **My Truck** app, you have remote access to your Volvo FH.

Looking to buy, lease, rent or insure your transport solution? Through **Volvo Financial Services**, we provide tailored services in a one-stop shop fashion.

Driver Development helps your drivers utilise the full potential of your trucks. Learn more about our service offer at volvotrucks.com.

THE VOLVO FH IS AN ICON



Tailoring your Volvo FH.

This is just a hint of all the choices you have when tailoring your Volvo FH to your needs. The full specifications and all possible options are available at **volvotrucks.com** or at your Volvo Trucks Dealer.

Cabs



Low sleeper cab



Sleeper cab



Globetrotter cab



Globetrotter XL cab



Globetrotter XXL cab



Engines

ELECTRIC	Max power	Max torque
Volvo FH Electric (490 kW)	490 kW (666 hp) continuous power	N.A.
GAS POWER	Max power	Max torque
G13C420 (309 kW)	420 hp at 1400–1800 r/min	2100 Nm at 1000–1400 r/min
G13C460 (338 kW)	460 hp at 1700–1800 r/min	2300 Nm at 1050–1400 r/min
DIESEL	Max power	Max torque
D13K420 (309 kW)	420 hp at 1404–1700 r/min	2100 Nm at 905–1400 r/min
D13K420TC (309 kW) I-Save	420 hp at 1404–1700 r/min	2400 Nm at 900–1230 r/min
D13K460 (345 kW)	460 hp at 1404–1700 r/min	2300 Nm at 900–1400 r/min
D13K460TC (345 kW) I-Save	460 hp at 1240–1600 r/min	2600 Nm at 900–1240 r/min
D13K500 (368 kW)	500 hp at 1404–1700 r/min	2500 Nm at 980–1400 r/min
D13K500TC (368 kW) I-Save	500 hp at 1250–1600 r/min	2800 Nm at 900–1250 r/min
D13K540 (397 kW)	540 hp at 1458–1700 r/min	2600 Nm at 1000–1400 r/min

Gearboxes

I-SHIFT

12-speed splitter and range gearbox with automated gearchanging system. The version with crawler gears facilitates easy operation with GCW up to 325 tonnes. The version with dual clutch (SPO2812) enables rapid, seamless and comfortable powershifting.

Type	Top gear	Engine torque (Nm)	GCW approval (tonnes)
AT2412G	Direct	2400	44
AT2612G	Direct	2600	100
ATO2612G	Overdrive	2600	100
AT2812G	Direct	2800	60
ATO3112G	Overdrive	3150	100
SPO2812 Dual Clutch	Overdrive	2800	80

Tractor axle configurations

				
4×2	6×2 pusher axle	6×2 tag axle	6×4	8×4 pusher axle

Rigid axle configurations

					
4×2	6×2 tag axle	6×4			
					
8×2 dual front axles	8×2 tridem	8×4 dual front axles	8×4 tridem pusher axle	8×4 tridem tag axle	10×4 dual front axles, tag axle

● = Drive axle.

⊙ = Non-driven axle (tag, pusher or front axle).

ACCESSORIES

Your truck. Your way.

The Volvo FH really isn't complete until you're behind the wheel – with all the gear and functionality you need for your work and your life on the road. We have the accessories you need to fully outfit your truck the way you want it.

Everything from a crash tested coffee maker to anti fuel theft devices and I-Shift software upgrades are available through our dealer network. Contact your Volvo Trucks Dealer to have it your way.



Table on bunk rail



Coffee maker



Reading lamp, LED



Microwave oven

7 reasons to choose the Volvo FH.

This is the ultimate long haul experience – but you can also tailor it to pull off some heavy loads in mining. And a lot in-between. Regardless of your needs, there are a few areas that really stand out. Here's our top 7 list of why you should consider the Volvo FH.

- 1** A wide range of power options.
- 2** The I-Shift range for precise and efficient gearchanges.
- 3** Cabs with generous living space.
- 4** The level of active and passive safety built in.
- 5** A modern driver interface that adapts to your needs.
- 6** Support and ease of driving with Volvo Dynamic Steering.
- 7** Excellent visibility from the driver's seat.



It runs in the family.

The evolution continues across our range of trucks.
Find out more at your local dealer or at [volvotrucks.com](https://www.volvotrucks.com)



VOLVO FH16 Our most powerful truck, made to handle the most demanding environments. Easily keeps a high average speed with high payloads on hilly routes. Offers an unparalleled level of comfort on the road.

Cabs: Five sizes.
Energy alternatives: Diesel, Biodiesel, HVO.



VOLVO FH A custom-made truck that improves your business through excellent uptime and optimised fuel economy. Outstanding driving environment and comfort for drivers who spend their lives on the road.

Cabs: Five sizes.
Energy alternatives: Electric, LNG, Diesel, Biodiesel, HVO.



VOLVO FM A versatile and comfortable truck for the busy driver. Excels in efficient transport with low chassis weight and easy cab entry. A comfortable workplace with great visibility.

Cabs: Six sizes.
Energy alternatives: Electric, LNG, Diesel, Biodiesel, HVO.



VOLVO FMX A robust and smart truck that ensures the highest level of uptime and productivity even in the most challenging environments. Offers comfortable driving and great visibility.

Cabs: Six sizes.
Energy alternatives: Electric, Diesel, Biodiesel, HVO.



VOLVO FE Offers a high load capacity in a more compact and agile format. Easy to drive, with unique features for better all-round visibility and ergonomics. Available with an all-electric powertrain.

Cabs: Four sizes.
Fuel alternatives: Electric, CNG, Diesel, Biodiesel, HVO.



VOLVO FL Offers a high load capacity and light terrain ability in a compact format. Easy to drive and easy to own. Available with an all-electric powertrain.

Cabs: Three sizes.
Energy alternatives: Electric, Diesel, Biodiesel, HVO.

V O L V O

