



VOLVO FH

VOLVO
Volvo Truck Corporation
volvotrucks.com





THE VOLVO FH

Evolution
by **Volvo Trucks**





Shaped to take you far.

The Volvo FH is smoother, more intelligent and more efficient than it's ever been. It's the ultimate long haul experience. Your partner and an extension of yourself at the same time. Your workplace. Your bedroom. Your office. Because you're going places. Are you ready?

Find out more at your local dealer

AN ICON

The ever-changing constant.

In it for the long haul. The Volvo FH is an icon – an ever-changing constant that just keeps getting better and better with every generation. That's evolution. Now it's taking the next steps to make your operations even better.

You'll notice from a distance that this is a new truck. The look is familiar – but the shapes are smoother and the headlamps more distinct. And this just hints at the changes that have taken place underneath the surface. The new Volvo FH is more refined, efficient, safe and capable than it's ever been. The aerodynamics have been improved and the headlamp functionality has been expanded for your safety.

As soon as you get into the driver's seat – before you've even started the engine – it's clear that this is a completely new driver interface. And as soon as you're out on the road you'll feel the driveability of the new Volvo powertrain. This is just the beginning of a new beautiful friendship.







Everything is
designed for a
reason.



EXTERIOR DESIGN

You know evolution when you see it.

*If you're a demanding driver or a transport operator with high standards,
it's obvious: this is the ultimate long haul experience.*

The aerodynamic shape of the cab. The iconic headlamps that pack more performance and intelligence than ever. The lines that embrace the front corner and stretch backwards to accentuate all the efficiency built in. Everything's there for a reason, and it's all there to get the work done in the most efficient way and deliver on time. To be a dependable partner that keeps promises.

Exceeding goals that are set high – whether they're about financial sustainability or environmental care. To pave the way for profit and prosperity. To be able to return home safe and secure when the job is done. Over and over again. That's what evolution is about in long haul transport. That's what the Volvo FH offers.



THE INSIDE THAT WORKS

Exactly what you need. Where you expect it.

Hands on the wheel and eyes on the road – that was the mantra for the design team behind the driver interface. We put extra effort into the interface precisely so you don't have to pay it too much attention.

Have a seat, and your right hand naturally lands on the next generation I-Shift gear lever. The neck tilt function gets the steering wheel in your favourite position. The instrument cluster lights up – with an instrument display that is all digital and fully dynamic. The driver interface is adaptable and optimised for every situation – whether you're doing your daily check, going at full speed on the highway, navigating to your pickup point or if you're loading your truck.

Most of the functions are managed using steering wheel controls – evolution has come a long way. All so you can keep your hands on the wheel. To your right, the side display gives you access to media functions, communication and apps.

Everything is intuitive, adaptable and accessible, exactly the way you expect it to be. So you can pay minimum attention to it – and focus on your job.





Room service
not included.



HOME AWAY FROM HOME

We upgraded you to a suite.

*Count the nights you spend out on the road in a year.
When you add up the numbers, you can clearly see why
you shouldn't settle for less than the best.*

We broke new ground with the Globetrotter cab and we haven't stopped since. 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. Choose from five different cab sizes – they all offer plenty of space for you and your gear.

You can get full standing height, plenty of storage and either one or two beds. Materials, features and trims are elevated to the next level of refinement. A wide and comfortable bed 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.

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. Room service isn't included, however.



YOUR PRODUCTIVITY

Let's get some serious work done.

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 truck to your needs and your assignments.

Your transport solution needs to balance parameters like speed, power, fuel efficiency, load capacity, agility, traction and more in order to match the needs of your operation. The Volvo FH is more than ready for this balancing act.

The choice of powertrains available for the Volvo FH lets you tailor the amount of power for your needs more precisely than ever. The Volvo Torque Assist (option) provides the driver with enough torque to keep the actual speed and optimized vehicle acceleration, yet saving fuel.

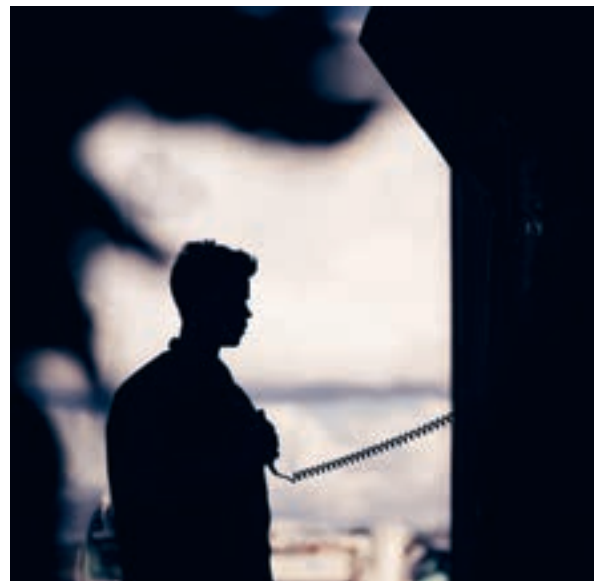
What would it mean for your productivity if you could put an extra tonne on each axle? Or have a bogie that could handle 38 tonnes? The air suspended front axles on the Volvo FH can take

up to 10 tonnes of load each, for your load capacity or increased flexibility. And that leaf suspended bogie installation takes on the heavy assignments with ease.

To make manoeuvring with heavy loads less tricky, we've given the tag and pusher axles increased steering angles. This will improve your manoeuvrability and lead to less wear on your tyres. The Tandem Axle Lift also lets you lift one axle when you need to. It gives you the traction and load capacity of two axles – with the agility and fuel efficiency of one.

On top of that, the Volvo FH offers a wide range of connected services within fleet management and uptime so you can maximise the utilisation of your trucks.





**The Volvo FH is
more than ready.**



A large concrete bridge with a prominent arch spans across a body of water. The bridge is supported by several pillars. In the background, there are mountains partially covered in mist or low clouds. The sky is overcast with grey clouds. The water in the foreground is a deep teal color with some ripples. A rocky, brownish shoreline is visible in the middle ground.

**The ultimate
long haul experience.**



YOUR FUEL EFFICIENCY

It's what you get out of it that counts.

Your truck is a magic machine. In your hands, it turns fuel into transport and a profitable business. With a Volvo FH, you're in control of your fuel costs and your environmental footprint. Above all, you're guaranteed to get the most out of every drop.

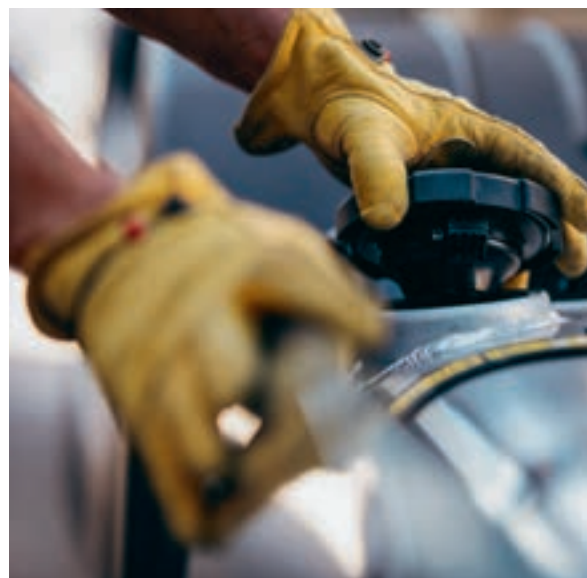
Fuel consumption figures tell you some things about fuel efficiency. But they don't give you the full picture of the productivity you get out of every drop. Everything from the aerodynamic Volvo FH cab and the powertrains to the Fleet Management services are engineered to save fuel without sacrificing performance or productivity.

The D13 engine wrings out all the possible performance from each drop of fuel. Plenty of torque is available at low revs and the I-Shift will select the right gear and shifts at the exact right moment. And the I-Shift driving modes are even easier to use.

Have a look at I-See if you want to make it even easier to be fuel-efficient. It optimises your speed and gear changes according to the topography of your routes.

If you want to reduce your environmental footprint even further without compromising on performance, check out the gas-powered Volvo FH LNG.

Do you cover really long distances in more demanding operations? Then the Volvo FH with Torque Assist provides you with enough torque to keep speed and optimise your acceleration. The big advantage; fuel savings up to 3%.



YOUR SAFETY

In charge. With backup.

We want you to be in complete control of your truck. Still, we want to help keep you safe at the same time. And if anything should happen, we want you well protected. So we built a whole lot of safety into the Volvo FH.

The visibility from the driver's seat in the Volvo FH is hard to beat in this class of trucks. Generous window areas, optimised mirror design and a passenger corner camera that covers the area close to the truck on the passenger side. In total, up to eight cameras can be connected – to optimise the view for your application. The adaptive high beam offers excellent visibility while still caring for other road users. The Adaptive Cruise Control with stop and go makes driving on busy highways more relaxed. The downhill cruise control utilises the auxiliary brakes to keep down speed and engages the wheel brakes only if needed.

Support systems like Collision Warning with Emergency Brake and Volvo Dynamic Steering with Stability Assist and Lane Keeping

Assist offer a helping hand in situations that could otherwise have been disastrous. They're not there for comfort, they're safety functions that step in to correct and keep you within your intended margins. Through Dynafleet Safety, you can identify improvement potentials.

If an accident should occur, you're sitting in what could be the most protective cab in the transport industry. One that exceeds legal safety requirements. You're well guarded.

Safety is at the core of everything we do. For more than 50 years, we've had our own accident research team and know how to take a holistic approach to safety. It's all built in there.







YOUR UPTIME

Ready when you are.

*Load, drive and deliver on time. It's the time you use your truck that counts.
We built the Volvo FH to be ready when you're ready and avoid unplanned stops.
And you can tailor the support to match the beat of your business.*

A durable truck is the foundation of maximised uptime. The Volvo FH is built to never let you down – all the way from our designs and the materials we choose to the solutions that we offer ensure you can keep on going. A heavy-duty bumper that won't break. A dual battery system that secures your startability even if you use a lot of onboard equipment when staying over in the cab. It all works for your uptime.

Eventually, components and systems get worn even on a Volvo truck. The Volvo FH can communicate remotely with the workshop to say how it's doing so that service and repairs can be planned according to your actual operation. By doing so, you can

swap unplanned stops for scheduled actions that require less time in the workshop and lower costs for you.

The best way to maximise your uptime is a Volvo Gold Contract that includes all the service and repairs needed at a fixed monthly cost. The Flexi-Gold version follows the same concept but the fee is tied to your monthly actual mileage. If your mileage drops, so do the costs for service and repairs. This is a suitable choice if the intensity of your business varies over the year. And you'll always have a truck that's ready when you are.

Check out volvotrucks.com or talk to your dealer to tailor the services for your needs.





A dramatic landscape featuring a dark, overcast sky with heavy, grey clouds. Below the sky, a dense forest of green trees covers rolling hills, with a layer of mist or fog hanging in the valleys between the ridges. The overall mood is somber and atmospheric.

THE VOLVO FH

**Facts. Choices.
Accessories.**

EURO 5

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 your local Volvo dealer or at volvotrucks.com

Cabs



Low sleeper cab



Sleeper cab



Globetrotter cab



Globetrotter XL cab



Globetrotter XXL cab

Engines Euro 5

13 LITRE	Max power	Max torque
D13C420 (309 kW)	420 hp at 1400–1900 r/min	2100 Nm at 1000–1400 r/min
D13C460 (338 kW)	460 hp at 1400–1900 r/min	2300 Nm at 1000–1400 r/min
D13C500 (368 kW)	500 hp at 1400–1900 r/min	2500 Nm at 1050–1400 r/min
D13C540 (397 kW)	540 hp at 1450–1900 r/min	2600 Nm at 1050–1450 r/min

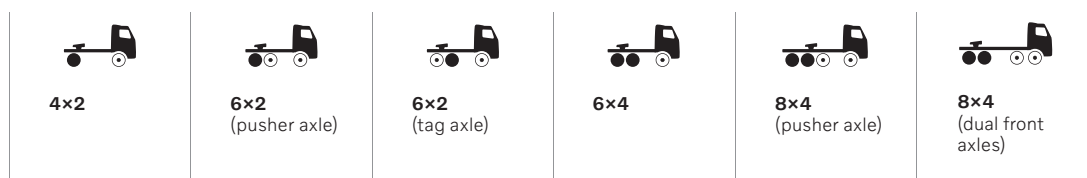
Gearboxes Euro 5

I-SHIFT

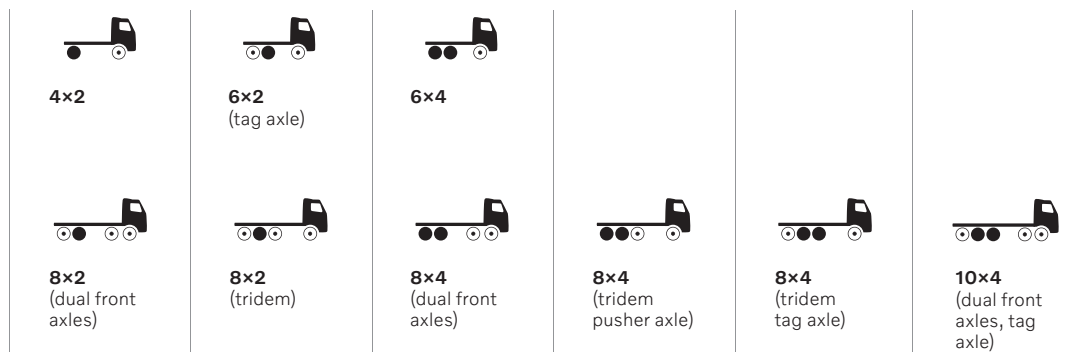
12-speed splitter and range gearbox with automated gearchanging system. The version with dual clutch (SPO2812) enables rapid, seamless and comfortable powershifting. The version with crawler gears facilitates easy operation with GCW up to 325 tonnes.

Type	Top gear	Engine torque (Nm)	GCW approval (tonnes)
AT2412F	Direct	2400	44
AT2612F	Direct	2600	100
ATO2612F	Overdrive	2600	100
SPO2812 Dual Clutch	Overdrive	2800	80

Tractor axle configurations



Rigid axle configurations



● = Drive axle.

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

Here's a small selection of specifications – but there are more to choose from. Ask your Volvo dealer or visit volvotrucks.com to learn more.

EURO 3

Tailoring your Volvo FH.

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Cabs



Low sleeper cab



Sleeper cab



Globetrotter cab



Globetrotter XL cab



Globetrotter XXL cab

Engines Euro 3

13 LITRE	Max power	Max torque
D13A400 (294 kW)	400 hp at 1400–1800 r/min	2000 Nm at 1050–1400 r/min
D13A440 (324 kW)	440 hp at 1400–1800 r/min	2200 Nm at 1050–1400 r/min
D13A480 (353 kW)	480 hp at 1400–1800 r/min	2400 Nm at 1050–1400 r/min
D13A520 (382 kW)	520 hp at 1500–1800 r/min	2400 Nm at 1050–1450 r/min

Gearboxes Euro 3

I-SHIFT

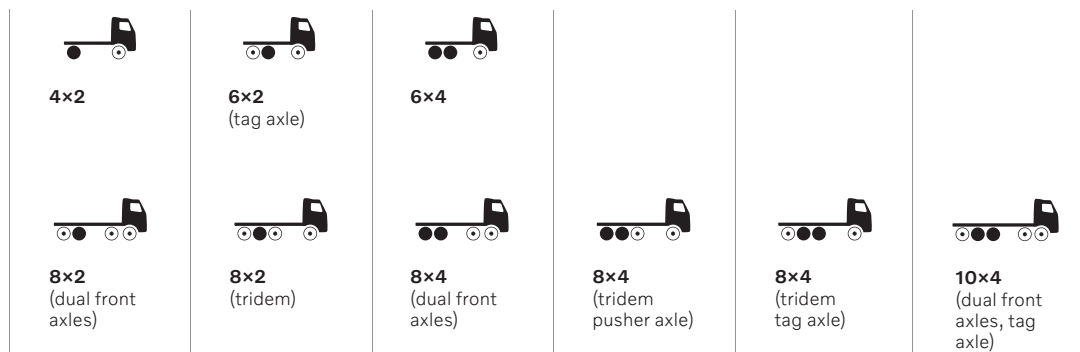
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ACCESSORIES

Your truck. Your way.

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

Look closer at volvotrucks.com or
talk to your dealer about how to really make it yours



7 reasons to choose the Volvo FH.

It's the ultimate long haul experience.

1 THE POWERTRAINS. The engines with I-Shift offer a great combination of driveability and fuel efficiency. Torque Assist provides you with enough torque to keep speed and optimise your acceleration. The big advantage; fuel saving up to 3% when pedal driving. That's how you'll get the most of your fuel.



2 THE HEADLAMPS. The iconic V shape signals a leap in evolution. And they don't only give the trucks a fantastic appearance – they improve your visibility and comfort. Three levels are available – from halogen to the adaptive high beam, which maximises light performance while still caring for other road users.

3 THE LIVING SPACE. Regardless which of the five Volvo FH cabs you choose, you'll have plenty of space for your life on the road. The storage, the sleeping comfort, the light from above and the cab climate are all hard to beat.



4 VOLVO DYNAMIC STEERING. Get effortless steering and full control in the same package. Volvo Dynamic Steering offer excellent manoeuvrability both forward and in reverse. On top of that, you also get assistance to avoid skidding. And it even offers remote steering control to make life easier when some of your work is done outside the cab.



5 THE I-SHIFT RANGE. For the Volvo FH, you can choose from a wide variety of hardware and software within the I-Shift family. The I-Shift driving modes are easier than ever to use. With crawler gears that let you crawl slow and run lean, the I-Shift Dual Clutch shifts gear with no interruption in power delivery. The I-Shift makes it beyond easy to drive safely and efficiently.

6 THE DRIVER INTERFACE. An instrument cluster that's fully digital and adapted to your truck, your needs and your driving circumstances. And a side display that puts you in control of your communication tools and apps. So that you can keep your hands on the wheel and your eyes on the road.



7 THE VISIBILITY. The Volvo FH offers excellent visibility with its generous window areas and well-designed mirrors. On top of that, you can add up to eight cameras – one of them being the passenger corner camera, positioned in the passenger side rearview mirror – with camera views presented in the side display. It will put you well on top of the traffic situation, your truck and your load.

THE VOLVO FH

Take the next step.

The evolution continues. This is the ultimate long haul experience. You're the expert on your operations. Your local dealer will help you tailor your Volvo FH for your challenges. Flexible finance packages and tailored insurance policies from Volvo Financial Services help you make your investment – and protect it.

Learn more and build your new truck at volvotrucks.com



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 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.



It runs in the family.

The evolution continues across our range of trucks.
Find out more at your local dealer or at 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 the highest level of comfort on the road.

Engine outputs: 550–750 hp.
Cabs: Five sizes.



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

Engine outputs: 330–500 hp.
Cabs: Six sizes.
Fuel alternatives: Diesel and LNG*.
*)Prerequisite: Euro 6 specified fuel available on the market.



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

Engine outputs: 330–540 hp.
Cabs: Six sizes.

