

Communiqués

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Your new Volvo EX90 gives you the info you need – when you need it

If you've ever asked a phone or computer "What do you want me to do?" with a tinge of despair in your voice, you know how confusing it can be when communication with a piece of technology breaks down.

Imagine what could happen if such a breakdown happens in a car as you transition between manual, assisted and autonomous driving modes. It's safe to say that these are situations where uncertainty should be avoided, no matter what.

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Adding by subtracting

Today's cars are loaded with new capabilities, functions and technologies. We want these features to make your life easier and safer, rather than creating more distractions or confusion. That's why it's essential that the car gives clear and contextual information.

With that in mind, we've made it a top priority to make the transition from manual to assisted driving modes (and in the future, autonomous driving) in our cars effortless and intuitive. The same goes for accessing features via the car's screens: we want to present what you need in a simplified way.



In the Volvo EX90, our upcoming fully electric flagship SUV, a large centre screen gives you quick access to navigation, media and phone, as well as controls and other common actions. Depending on whether you're parked or driving, or on a phone call, a special contextual bar will suggest the actions that make the most sense for the specific situation you're in.

For more driving-focused information, such as directions, current speed and range info, there's a second, smaller screen right behind the steering wheel. This is also where the car contextualises the change from one mode to another, making sure you know what to expect from the car – and what the car expects from you.

“It’s all about providing you with the right information at the right time,” says Thomas Stovicek, head of UX at Volvo Cars. “We want your driving experience to be focused, simple and safe. Since the car also understands its surroundings and you better than ever before, we can create an even safer situation by reducing mode confusion, distraction and information overload.”



How our cars create trust

By combining the car’s exterior and interior sensing with in-house developed software and the car’s central computing power, we gain a new level of understanding of you and the world around you. The ambition is that the car should be able to read each situation and provide you with contextual information based on that input.

This means that when you drive, we support you. Our state-of-the-art sensor set gives a full 360-degree view of the car’s surroundings, allowing the car to react to things going on around it proactively, even when the assisted driving mode is inactive.

When you’re in assisted driving, we drive with you. The car will continuously let you know what it’s currently seeing, and what information it’s acting on. Beyond providing steering support and helping you keep a consistent speed, the mode assists you while changing lanes.

The Volvo EX90 will be hardware-ready for unsupervised autonomous driving, meaning that in the future the car can ultimately be able to drive for you. Our contextual user interface is designed to make the transition between the different driving modes as predictable and smooth as possible.

Volvo Cars in 2021

Volvo Car Group recorded an operating profit of 20.3 BSEK. Revenue in 2021 amounted to 282.0 BSEK, while global sales reached 698,700 cars.

About Volvo Car Group

Volvo Cars was founded in 1927. Today, it is one of the most well-known and respected car brands in the world with sales to customers in more than 100 countries. Volvo Cars is listed on the Nasdaq Stockholm exchange, where it is traded under the ticker “VOLCAR B”.

Volvo Cars aims to provide customers with the Freedom to Move in a personal, sustainable and safe way. This is reflected in its ambition to become a fully electric car maker by 2030 and in its commitment to an ongoing reduction of its carbon footprint, with the ambition to be a climate-

neutral company by 2040.

As of December 2021, Volvo Cars employed approximately 41,000 full-time employees. Volvo Cars' head office, product development, marketing and administration functions are mainly located in Gothenburg, Sweden. Volvo Cars' production plants are located in Gothenburg, Ghent (Belgium), South Carolina (US), Chengdu, Daqing and Taizhou (China). The company also has R&D and design centres in Gothenburg, Camarillo (US) and Shanghai (China).

For further information please contact:

Volvo Cars Media Relations
+46 31-59 65 25
media@volvocars.com

Volvo Cars Investor Relations
John Hernander
+46 31-793 94 00
investors@volvocars.com

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La description et les faits repris dans le matériel de presse concernant la gamme de voitures internationale de Volvo Cars. Les équipements peuvent être optionnels. Les spécifications peuvent varier en fonction du pays et peuvent être modifiées sans préavis.

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