

P R E S S   R E L E A S E

## Breakthrough: Volvo to launch electric truck with 600 km range

**Up to 600 km on one single charge. That's how far Volvo's next-generation heavy-duty electric truck will be able to drive. The longer range represents a breakthrough for long-distance transport with zero tailpipe emissions.**

The electrification of heavy trucks is continuing across the world and longer distances are now becoming a possibility.

Next year Volvo will launch a new long-range version of its FH Electric that will be able to reach up to 600 km on one charge. This will allow transport companies to operate electric trucks on interregional and long-distance routes and to drive a full working day without having to recharge. The new Volvo FH Electric will be released for sale during the second half of 2025.

"Our new electric flagship will be a great complement to our wide range of electric trucks and enable zero-exhaust emission transport also for the longer distances. It will be a great solution for transport companies with a high annual mileage on their trucks and with a strong commitment to reduce CO<sub>2</sub>," says Roger Alm, President Volvo Trucks.

### Five years of electric leadership

The enabler for the 600 km range is Volvo's new driveline technology, the so-called e-axle, which creates space for significantly more battery capacity onboard. More efficient batteries, a further improved battery management system and overall efficiency of the powertrain also contribute to the extended range.

Volvo Trucks is a global leader in medium- and heavy-duty electric trucks with eight battery-electric models in their portfolio. The wide product range makes it possible to electrify city and regional distribution, construction, waste management and, soon, long distance transport. Volvo has so far delivered more than 3,800 electric trucks to customers in 46 countries around the world.

"The transport sector represents seven percent of global carbon emissions. Battery-electric trucks are important tools to reduce the climate footprint. Besides the important environmental gains that electric trucks bring, they offer truck drivers a much better working environment, with much lower levels of noise and vibrations," says Roger Alm.

Volvo Trucks drives the transition towards fossil-free transport to reach its net-zero emissions target by 2040 using a three-path technology strategy. The three-path technology approach is built on battery electric, fuel cell electric and combustion engines that run on renewable fuels like green hydrogen, biogas or HVO (Hydrogenated Vegetable Oil).

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LINK to high-resolution images

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Press images and films are available in the Volvo Trucks Mediahub:  
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Volvo Trucks supplies complete transport solutions for discerning professional customers with its full range of medium- and heavy-duty trucks. Customer support is provided via a global network of dealers with 2,200 service points in about 130 countries. Volvo trucks are assembled in 12 countries across the globe. In 2023 approximately 145,000 Volvo trucks were delivered worldwide. Volvo Trucks is part of the Volvo Group, one of the world's leading manufacturers of trucks, buses, construction equipment and marine and industrial engines. The group also provides complete solutions for financing and service. Volvo Trucks' work is based on the core values of quality, safety and environmental care.

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