

P R E S S R E L E A S E

World-first: Volvo delivers electric trucks with fossil-free steel to customers

As the world's first truck manufacturer to do so, Volvo has begun using fossil-free steel in its trucks. The first electric trucks with fossil-free steel are now being delivered to customers.

In September this year, Volvo Trucks started series production of heavy-duty electric, 44 tonne* trucks, as the first global truck manufacturer to achieve this. Some of the electric trucks will also be the first trucks in the world that are built with fossil-free steel.

“Our journey to net zero emissions includes both making our vehicles fossil free in operation and over time fully replacing the material in our trucks with fossil-free and recycled alternatives,” says Jessica Sandström, Senior Vice President of Product Management at Volvo Trucks.

The fossil-free steel is produced by the Swedish steel manufacturer SSAB and is made by using a completely new technology with fossil-free electricity and hydrogen. The result is a significantly lower climate impact and an important step towards a net-zero emissions value chain. Among the customers that will have fossil-free steel in some of their electric trucks are Amazon and DFDS and, through the transport company Simon Loos, Unilever.

“At Amazon, we are on the way to make all of our operations net-zero carbon by 2040. We need partners like Volvo to make this transition happen,” says Andreas Marschner, Vice President Transportation Services Europe at Amazon.

“DFDS is committed to our green transition and to deliver greener transport and logistics solutions. Any step in the green transition of logistics brings us closer to a carbon free society and we are therefore happy to learn that some of our new electric trucks soon to be delivered are also produced with fossil free steel,” says Niklas Andersson, EVP of DFDS Logistics Division.

The first steel produced with hydrogen is being used in the electric truck's frame rails, the backbone of the truck upon which all other main components are mounted. As the availability of fossil-free steel increases, it will also be introduced in other parts of the truck.

Today, around 30% of the materials in a new Volvo truck come from recycled materials. Also, up to 90% of the truck can be recycled at the end of its life. Fossil-free steel will be an important complement to the traditional and recycled steel used in Volvo's trucks.

Volvo Trucks is committed to the Paris agreement on climate change and to achieving net-zero greenhouse gas emissions in the entire value-chain by 2040, at the latest.

*Gross Combination Weight (GCW)

November 10, 2022

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Link to high resolution images

Press images and films are available in the Volvo Trucks image and film gallery at
<http://images.volvotrucks.com>.

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 13 countries across the globe. In 2021 approximately 123,000 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.