

# Press Information

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## **VOLVO LAUNCHES EUROPE'S MOST-POWERFUL TRUCK ENGINE**

**Volvo Trucks is introducing a new engine for its iconic FH16. Delivering up to 780 hp and 3,800 Nm, the new 17-litre engine – also certified to run on biofuels – can handle the toughest transport assignments with ease while delivering outstanding fuel efficiency and durability.**

Driving continuously at high speeds with heavy loads can be a challenge – but not with Volvo's 17-litre Euro 6 engine powering its FH16 truck. The new engine comes with three power levels – 600 hp, 700 hp and 780 hp – while torque levels have been increased to 3,000 Nm, 3,400 Nm and 3,800 Nm respectively, translating into faster engine response, better driveability, maximised productivity and improved fuel efficiency.

Marcos Weingaertner, Product Manager at Volvo Trucks, says: "I'm proud to present our new engine – it really is a masterpiece and the result of world-class engineering. The 780 hp version is the strongest engine in the industry.

"When climbing steep grades on a road with maximum loads, you don't want to get stuck with too little torque and power. That is why we have focused all our efforts on making the D17 engine very powerful, reliable and responsive. For our customers, this translates into getting the job done faster with improved fuel efficiency."

The D17 engine is equipped with a single efficient turbocharger that boosts engine responsiveness and improves the driving experience. Volvo's innovative patented wave piston design optimises combustion and reduces emissions, while the new injection system ensures the best fuel economy, while increased peak cylinder pressure enables high power output.

The engine brake power across the entire speed range has been greatly improved with outstanding engine response. This enables fast gearshifts, resulting in less wear and tear on the brake pads and disc, while also being more efficient when travelling downhill.

The new D17 engine is certified to run on HVO (Hydrotreated Vegetable Oil) in all power ratings. The 700 hp version is also certified to run on 100 per cent biodiesel (B100). The gearbox has been updated to handle up to 3,800 Nm, and internal gearbox efficiency has been further improved on the 3,000 Nm and 3,400 Nm versions.

"I'm confident that customers and drivers will appreciate the higher engine brake power as well as the ability to run on HVO and biodiesel," adds Weingaertner. "The D17 is a fabulous engine for a fabulous truck, and all our customers who rely on the Volvo FH16 in their daily work will now have an even more powerful tool to help them."

Sales for the Volvo FH16 with the new engine start in mid-2024, with production due to start in the second half of 2024 for European markets and Australia.

The new engine is available in the all-new Volvo FH16 Aero and the latest version of the Volvo FH16.

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**Caption for photograph:**

Volvo Trucks is introducing a new engine for the iconic FH16 delivering up to 780 hp and 3,800 Nm.

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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.*