

PRESS RELEASE

DEUTZ hydrogen engine ready for the market

- H2 engine meets all of the eligibility criteria set by the EU for zero CO₂ emission
- Next step toward carbon-neutral drive solutions, including in the off-highway segment

Cologne, August 12, 2021 – DEUTZ launches the TCG 7.8 H2, the company’s first hydrogen engine. The drive, which meets all of the eligibility criteria set by the EU for zero CO₂ emission engines, is a further addition to the company’s portfolio of low-emission and zero-emission drive systems.

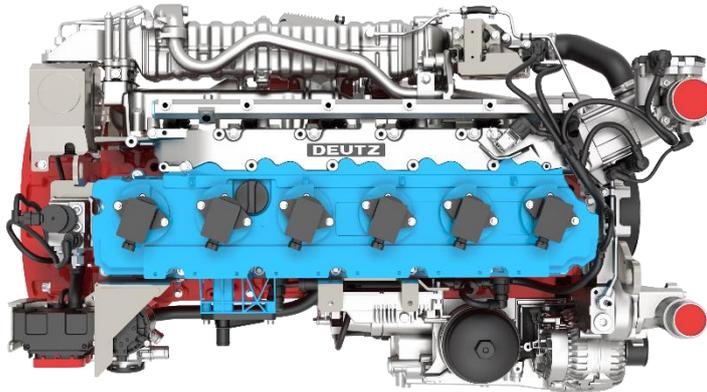
“DEUTZ are pioneers of carbon-neutral drive systems for off-highway applications. We already manufacture clean and highly efficient engines. Now we are taking the next step: Our hydrogen engine is ready for the market. This represents an important milestone that will help us to make our contribution toward the Paris climate goals,” says Dr. Frank Hiller, CEO of DEUTZ AG.

The hydrogen-powered engine has passed initial tests on the test bench with flying colors and is scheduled to go into full production in 2024. Dr. Markus Müller, Chief Technology Officer of DEUTZ AG, explains: “The six-cylinder TCG 7.8 H2 is based on an existing engine design. Generating a power output of 200 kW it runs carbon-neutral and very quietly. In principle, the engine is suitable for all current DEUTZ applications, but due to the available infrastructure it is likely to be used first in stationary equipment, generators, and rail transport.”

First pilot project with customers in the pipeline

The hydrogen engine’s first pilot application will be in stationary equipment for power generation in partnership with a regional utility company. The pilot is scheduled to commence at the beginning of 2022 with the aim of demonstrating the engine’s suitability for everyday use.

The engine company.



Caption: The TCG 7.8 H2 is DEUTZ's first hydrogen engine.

Credit: DEUTZ AG

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About DEUTZ AG

DEUTZ AG, a publicly traded company headquartered in Cologne, Germany, is one of the world's leading manufacturers of innovative drive systems. Its core competencies are the development, production, distribution, and servicing of diesel, gas, and electric drive systems for professional applications. It offers a broad range of engines delivering up to 620 kW that are used in construction equipment, agricultural machinery, material handling equipment, stationary equipment, commercial vehicles, rail vehicles, and other applications. DEUTZ has around 4,600 employees worldwide and over 800 sales and service partners in more than 130 countries. It generated revenue of almost €1.3 billion in 2020. Further information is available at www.deutz.com.