

PRESS RELEASE

Visit **DEUTZ**: hall 15 / booth G12
Nov. 12-18, 2023 in Hanover/Germany
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AGRITECHNICA 2023: DEUTZ presents its portfolio of innovative drives

- DEUTZ is contributing to the agricultural sector's shift toward greater climate neutrality
- TCG 7.8 H2 hydrogen engine set to go into volume production at the end of 2024
- Debut for the DEUTZ TCD 5.1 and TCD 7.7 engines

Cologne/Hanover, November 13, 2023 – DEUTZ is presenting its latest developments in the field of sustainable drive systems at AGRITECHNICA, the world's leading trade fair for agricultural machinery, which is being held in Hanover from November 12 to 18, 2023. Under the banner of 'We ensure the world keeps moving', the drive specialist offers a broad spectrum of diesel, electric, and hydrogen technologies to provide the best possible solutions that meet the individual needs of customers in the agricultural industry.

"Agriculture is undergoing a fundamental shift as it transitions to greater climate neutrality," explains Dr. Sebastian C. Schulte, CEO of DEUTZ AG. "We want to play our part in this huge task by offering the optimum solutions for the specific requirements of our agricultural customers. At the same time, we aim to make the most of the opportunities of this transition in order to continue to grow profitably and to permanently establish DEUTZ among the top three independent drive manufacturers. We are therefore forging ahead with the implementation of our Dual+ strategy so that we can continue to ensure the world – and of course the agricultural industry – keeps moving."

The engine company.



At AGRITECHNICA, DEUTZ is showcasing the TCG 7.8 H2, a hydrogen internal combustion engine that is playing a pioneering role in the quest for climate neutrality. The six-cylinder engine is based on an existing design and will go into volume production at DEUTZ at the end of 2024. It is both carbon-neutral and very quiet, despite producing 220 kW of power. In principle, it can be used in all current DEUTZ applications and in the on-highway segment. DEUTZ recently received its first order from China for a small-scale production run of 100 H2 gensets powered by the TCG 7.8 H2.

DEUTZ is exhibiting products from the Green segment at the trade fair too, including a compact electric 400-volt drive system that uses a split drive comprising two 40 kW electric motors. The ISO 26262-certified system has a peak output of 80 kW. As is typical for electric drives, the system delivers instant torque, making the machine even more dynamic. The battery is from the Company's own modular toolbox and offers 42 kWh of capacity. The 22 kW rapid charging system can restore the battery charge to up to 80 percent within an hour.

DEUTZ also has new engines in the Classic segment. The Company firmly believes that clean and efficient internal combustion engines will continue to be required to ensure a seamless transition to the technologies of the future.

At AGRITECHNICA, DEUTZ is therefore unveiling the TCD 5.1 engine, which will be available from mid-2028. Featuring a power range of up to 170 kW and maximum torque of 950 Nm, the engine combines the power of six cylinders with the efficiency of four. This provides the flexibility needed for a wide range of industrial applications.

The high-performance DEUTZ TCD 7.7 is also premiering at the trade fair and will be available from mid-2028. Boasting a power range of up to 280 kW and maximum torque of 1,550 Nm, this engine can be deployed in numerous off-highway and industrial applications. The engine is also to be offered with an Agri Performance Concept designed specifically for agricultural machinery, providing a power range of up to 300 kW and torque of up to 1,700 Nm.

The engine company.



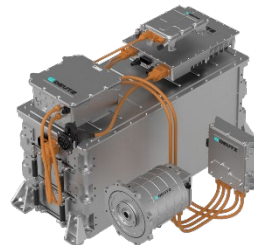
“There will continue to be demand for conventional combustion engines going forward, particularly in the agricultural sector. These drives can run on biofuels and synthetic fuels, making them more environmentally friendly,” explains Dr. Markus Müller, CTO and CSO of DEUTZ AG. “Our plan for the years ahead is therefore not only to enhance our climate-neutral product portfolio but also to further expand our classic engine business.” DEUTZ has already approved its entire TCD engine range for operation with hydrotreated vegetable oil (HVO).

Visitors to the DEUTZ booth can get information on the aforementioned drive systems and other exhibits, along with details of the underlying technologies and updates on the Company’s extensive range of services.

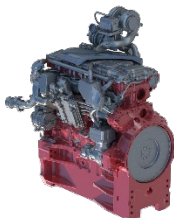
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Caption: The carbon-neutral TCG 7.8 H2 hydrogen engine produces 220 kW of power but is very quiet.



Caption: DEUTZ’s compact 400-volt drive system has a peak output of 80 kW.



Caption: The high-performance TCD 7.7 engine from DEUTZ will also be offered with an Agri Performance Concept.



Caption: DEUTZ is showcasing its latest developments at AGRITECHNICA.

Picture credits (all): DEUTZ AG

The engine company.



DEUTZ press conference at AGRITECHNICA:
Tuesday, November 14, 2023, 1.30–2.00pm, Convention Center, 'Frankfurt' room



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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 drive solutions in the power range up to 620 kW for off-highway applications. The current portfolio extends from diesel, gas, and hydrogen engines to hybrid and all-electric drives. DEUTZ drives are used in a wide range of applications including construction equipment, agricultural machinery, material handling equipment such as forklift trucks and lifting platforms, commercial vehicles, rail vehicles, and boats used for private or commercial purposes. DEUTZ has around 5,000 employees worldwide and almost 900 sales and service partners in more than 130 countries. It generated revenue of more than €1.9 billion in 2022. Further information is available at www.deutz.com.