

PRESS RELEASE

INTERMAT 2024: DEUTZ presents solutions for climate-friendly construction

- DEUTZ shows how today's construction sites can be efficient, quiet, and low in carbon emissions
- Drive specialist presents complete solutions – from application to servicing

Cologne/Paris, April 15, 2024 – DEUTZ is showcasing its latest developments in the field of construction and material handling at the INTERMAT construction trade fair in Paris from April 24 to 27, 2024. 'We ensure the world keeps moving' is the banner under which the drive specialist is offering diesel, electric, and hydrogen technologies to create solutions that best meet the needs of its customers.

In Paris, DEUTZ will be showcasing the TCD 3.9 engine in the sub-4 liter category. Visitors can experience for themselves the reliability, versatility and power output of the engine, which delivers up to 130 kW. It is particularly suited to industrial applications, and thanks to its cutting-edge drive architecture, can be made available in variants fueled by lower-emission alternatives such as gas and hydrogen.

DEUTZ firmly believes that the construction sector will continue to need clean and efficient internal combustion engines to ensure a seamless transition to the technologies of the future. Therefore, it will be giving trade visitors to INTERMAT an overview of its Classic portfolio - ranging from smaller engines such as the DEUTZ TCD 2.9 to the high-performance T(T)CD 7.7 engine. All engines in the TCD series meet the highest emission standards and are approved for use with HVO biofuel.

INTERMAT is a trade fair for sustainable solutions and technologies in the construction industry. And sustainability is at the heart of the duo that DEUTZ is presenting at INTERMAT for use on the construction sites of the future: an electric excavator, powered by DEUTZ Electric System, and the DEUTZ PowerTree mobile rapid charging system. The PowerTree, which can be used independently of the local power infrastructure, provides a charging capacity of up to 150 kW with an output voltage of up to 800 volts, meaning that construction machinery can be charged in just 20 minutes.

Dr. Ing. Markus Müller, member of the Board of Management of DEUTZ AG with responsibility for technology and sales: "With our various drive systems, we offer different ways to achieve emission-free mobility. E-drives from DEUTZ are already enabling a wide range of zero-emission applications

The engine company.



on construction sites - and the PowerTree is the ideal solution where there is a lack of charging infrastructure.”

The drive specialist is demonstrating its system expertise with an excavator whose internal combustion engine has been replaced with the 360 volt drive system (E360) from DEUTZ. The built-in system with two lithium-ion batteries has a continuous power output of 40 kW and peak power of up to 80 kW. It is the first E360 system that can be charged rapidly using a DC charging connector. The aim is to be able to recharge the battery capacity within 30 minutes (from 20 to 80% state of charge). The retrofitted excavator is being used for testing purposes to see if customer requirements can be met.

Also from its Green segment, DEUTZ is showing its TCG 7.8 H2 hydrogen combustion engine at INTERMAT. The engine is scheduled to go into full production at the end of this year and is suitable for use in all current DEUTZ applications as well as in the on-highway segment. At the end of 2023, DEUTZ received its first order – from China – for a small-scale production run of 100 H2 gensets powered by the TCG 7.8 H2.

Expansion of the global service business is part of DEUTZ’s strategy. Engine reconditioning is one of the services on offer here. DEUTZ Xchange reconditioned engines and parts provide a fast, cost-efficient, and environmentally friendly alternative to buying new. They are also available for engine series that have been discontinued for some years now.

At INTERMAT, DEUTZ will also be presenting a cloud-based platform that collects data in real time to make it easier to optimize how machines are used. The direct access to data can be used to prevent the occurrence of faults.

Darko Kostic, president DEUTZ France: “Our range of services does not stop at simply maintaining our engines. DEUTZ FUSION HUB is an integrated telematics solution that can optimize operations digitally – reducing non-productive periods and saving our customers time and money.”

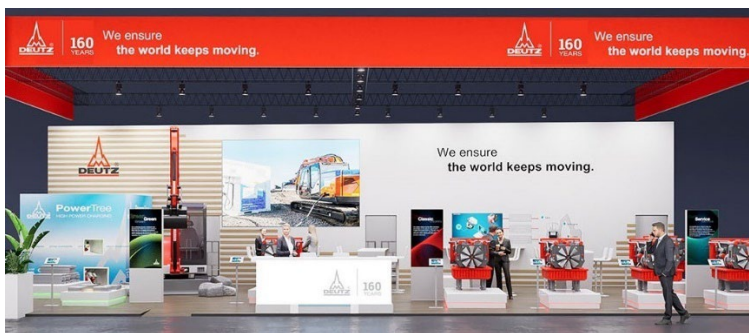
DEUTZ at INTERMAT 2024, hall 5A, stand F05 - more information at: <https://intermat.deutz.com/>

The 2024 HANNOVER MESSE industry expo is taking place at the same time as INTERMAT, from April 22 to 26. Here, DEUTZ will be exhibiting its DEUTZ TCG 7.8 H2 hydrogen engine at stand E35/3 in hall 13.

The engine company.



Caption: The electric-powered excavator can be charged rapidly using the PowerTree.



Caption: DEUTZ is showcasing its latest developments at INTERMAT.

Picture credits (both): 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 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 more than 5,000 employees worldwide and around 1,000 sales and service partners in more than 130 countries. It generated revenue of more than €2.1 billion in 2023. Further information is available at www.deutz.com.