



DEUTZ will be presenting its sustainable off-highway drive systems and digital service solutions at **CONEXPO** in Las Vegas from March 10-14, 2020. Under the banner **REVOLUTIONIZING POWER**, DEUTZ will showcase solutions for highly efficient, conventional internal-combustion technologies and for a zero-carbon off-highway sector, including diesel, gas, hybrid, electric and hydrogen-based technologies. Innovative eservices have been developed to ensure maximum dependability of drive systems. These include mobile engine diagnostics using telemetry and ground-breaking maintenance tools incorporating augmented reality.

DEUTZ customers can use the Advanced Configurator to select from the Company's modular range of innovative drive systems. Taking account of the customer's performance specifications and relevant emissions requirements, DEUTZ configures the ideal combination of conventional and electric drive components. The results will be on show for CONEXPO visitors, for example in the form of an all-electric JLG G5-18A telehandler. This customer application has a split drive with two 40-kW electric motors and battery capacity of 42 kWh. DEUTZ is thus demonstrating that electric-powered off-highway equipment offers added value both for customers and the environment.

"Our modular Advanced Configurator enables us to serve our customers with flexibility and offer them optimum drive systems that are compatible with different technologies," explains Michael Wellenzohn, member of the DEUTZ Board of Management with responsibility for sales, service and marketing. "From internal combustion engines running on various fuels to hybrids and electric drives, we see ourselves as a development partner and systems integrator."

Another highlight at CONEXPO in Las Vegas is the new DEUTZ D-1.2 hybrid engine. This highly compact three-cylinder engine with a capacity of 1.2 liters plus a 48-volt electric motor is the ideal solution for low-load applications. Moreover, DEUTZ will be teaming up with Futavis to showcase a battery system that is now ready for pilot production; the number of systems built so far has already reached the hundreds. DEUTZ acquired German battery specialist Futavis in 2019 in order to strengthen its inhouse expertise in the key area of battery technology. The market-ready system underlines DEUTZ's strategic focus on electrifying its product range and on its engineering expertise to develop and industrialize high-voltage batteries and electric drive trains.

In the service business, DEUTZ will be presenting its innovative Advanced Repair approach, which encompasses various digital service concepts for ensuring that machinery and equipment can be deployed safely, efficiently, and conveniently. For example, end users can use DEUTZ's telemetry solution to run mobile engine diagnostics, immediately send the results to the nearest service center, and book the necessary maintenance work. To enable maintenance to be carried out even more efficiently, DEUTZ offers an augmented reality app for tablets that supports mechanics directly while they are carrying out the required work on an engine. Visitors to the trade fair can try out the app for themselves at the DEUTZ stand.