

PRESS RELEASE

BAUMA 22:

DEUTZ and PUTZMEISTER unveil concrete pump with electric drive

- Drive specialist electrifies PUTZMEISTER BSA 1005 iONTRON concrete pump
- Electric drives from DEUTZ enable a wide range of zero-emission construction site applications
- Reliable, carbon-neutral, efficient: E-DEUTZ powers cranes, excavators, and tracked dumpers

Cologne, October 28, 2022 – DEUTZ continues to expand the use of carbon-neutral drive systems in off-highway applications. At this year’s BAUMA, the drive specialist presents the first battery-powered concrete pumps made by its partner PUTZMEISTER. The PUTZMEISTER BSA 1005 iONTRON uses a 360-volt drive system from E-DEUTZ instead of the usual 2.2 liter DEUTZ diesel engine. The electric drive system has a continuous power output of 40 kW and peak power of 80 kW, generated by two lithium-ion batteries. This allows the pump to work for up to eight hours. The iONTRON concrete pump can also be powered via a charging cable and thus operated for longer. PUTZMEISTER plans to start full production in 2023.

“We are focused on enhancing our conventional engines and alternative drives to ensure that they meet our customers’ requirements. Electric drive systems from E-DEUTZ offer our partners a straightforward and affordable way of eliminating emissions. Alongside the electrification of aircraft tugs, excavators, and dumpers, the concrete pump represents an important addition to our range of electric applications,” says Dr. Ing. Markus Müller, member of the Board of Management of DEUTZ AG with responsibility for technology and sales.

Visitors to BAUMA can experience for themselves how efficient, quiet, and carbon-neutral the extensive portfolio of construction equipment powered by DEUTZ e-drives is. The all-electric CC 1485 crawler crane from Maeda, for example, is powered by a 360-volt drive system from DEUTZ. With an output of 40 kW, this zero-emission construction-site vehicle has a load capacity of six tonnes. The high-performance 360-volt drive system is also used in the MOROOKA MST-700VDR track dumper with a four-ton payload.

Special machinery manufacturer KTEG relies on electrification too: Its KTEG ZE20 mini excavator is powered by a 48-volt drive system from E-DEUTZ with a continuous output of 10 kW.

The engine company.



Using construction equipment powered by alternative drives has another major advantage: Since the launch of the C40 initiative for climate action, construction projects have had to comply even more closely with the planning requirements set by local government. Oslo, for example, aims to reduce carbon emissions by 95 percent compared to 2009 levels by 2030. To reach this climate target, only zero-emission construction equipment will be permitted in the city from 2025 onwards.



Caption: The PUTZMEISTER BSA 1005 iONTRON is powered by a 360-volt drive system from E-DEUTZ.
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 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 4,750 employees worldwide and over 800 sales and service partners in more than 130 countries. It generated revenue of around €1.6 billion in 2021. Further information is available at www.deutz.com.