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Electric drives in agricultural machinery

The efficiency and performance of agricultural machinery such as tractors, harvesters and attachments can be increased by using of electric drives. This improved efficiency is achieved by using needs-based secondary engine units, automatic start-stop systems or by shifting the operating point, for example.

The drives and the electronics must be able to withstand tough environmental conditions. This makes it necessary to take these conditions, along with the functional properties, into account during the development process.

Mobile power from LTi DRIVES stands for the electrification of drive trains in agricultural machinery, and it takes into consideration the harsh surroundings and environmental conditions that prevail. The design options for the electronics hardware in a variable housing concept permit the integration of drive electronics and system components for main and auxiliary units.

Your individual solutions are realised by a modular concept and scalable platforms in hardware and software that support the integration of functional customer software and bus technologies.

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