

Global. Agile. Digital.

RLE INTERNATIONAL Group



RLE INTERNATIONAL

System Development and Integration for Agricultural Machinery

Technology for Greater Efficiency in Agricultural Engineering



The demands on modern agricultural machinery continue to rise. Digitalization, sustainability, and automation are transforming the agricultural sector at its core. As an experienced development partner, RLE supports companies in the agricultural machinery industry with customized solutions from drive-train technologies and sensor integration to digital system development.

We understand the challenges of working in the field and respond with robust engineering, smart system solutions, and a flexible workforce of technical specialists.

Together with our clients, we are shaping the agricultural technology of tomorrow – efficient, productive and sustainable.



Automation & Smart Farming

Digital systems and autonomous control solutions are key drivers of modern agricultural engineering. We develop connected, AI-based control and sensor systems that enable automated workflows from harvesting to precision fleet management.



Sustainability & alternative drive systems

We integrate efficient hybrid and electric drive technologies, along with solutions for alternative fuels. In doing so, we support the development of low-emission machinery that combines economic efficiency with environmental responsibility.



Durability & resilience

Our design concepts are based on high-quality materials, optimized maintainability, and superior mechanical strength to ensure long-term performance under tough field conditions.



Efficiency & cost pressure

In response to shrinking margins and rising operational demands, we optimize energy consumption, work process control, and production technologies that boost productivity while reducing operational costs.

System Solutions for Agricultural Machinery – Connected, Efficient, and Future-Ready

Modern agricultural machines require seamless integration of control systems, sensors, mechanics, and energy management. To meet growing demands for automation, sustainability, and operational longevity, RLE develops scalable system architectures that combine technological innovation with practical implementation.

Using digital development methods, model-based systems engineering, and simulation-driven optimization, we create robust, connected solutions – from initial concept through to series-ready integration. Our expertise includes designing intelligent control systems, integrating efficient powertrain and energy solutions, and developing forward-thinking process technologies for the agricultural sector.

This holistic approach enables us to deliver long-term solutions that unite performance, efficiency, and sustainability.



“Innovative agricultural machinery isn’t driven by technology alone – it’s created by the right people behind it. That’s why you need experienced professionals who understand mechanics, electronics, and automation. And that’s exactly where we come in with technical know-how and tailored solutions.”

Dirk Schnellhammer
Regional Manager North & East –
RLE Engineering & Services

RLE INTERNATIONAL Produktentwicklungsgesellschaft mbH
Brodhausen 1, 51491 Overath, Germany

Phone: +49 (0) 22 04 | 97 25-0
Email: info@rle.de
www.rle.international

CEO authorized to represent the company:
Ralf Laufenberg (Chairman)

Register court:
Cologne Local Court / HRB: 19445
VAT identification number in accordance with
Section 27a of the German Value Added
Tax Act (UStG): DE 122803511



RLE INTERNATIONAL