



NEWS RELEASE

Lincoln Electric Introduces XpertLINC™, a Physical AI-Technology Platform That Redefines the Future of Robotic Automation

2026-10-20

XpertLINC combines the flexibility and adaptability of a human operator with the consistency and repeatability of a robot

CLEVELAND--(BUSINESS WIRE)-- **Lincoln Electric** (Nasdaq: LECO) today announced the launch of **XpertLINC™**, a proprietary physical AI-enabled technology platform that integrates vision, coordinated motion, process control, and decades of welding expertise in one package. XpertLINC dynamically adjusts a robot's path and welding parameters to adapt on the fly like a human would, delivering higher productivity and better quality, even with inconsistent parts, while adhering to customers' process specifications.

Lincoln Electric's new XpertLINC™ physical AI technology platform is redefining the future of automated welding. The platform eliminates the need for programming or CAD files by using sensors, coordinated motion, process control, and decades of welding expertise to control the robot and dynamically adjust its path and welding parameters to adapt to part variability. This will provide customers with both higher productivity and quality while still adhering to their process specifications. Launching initially on Lincoln Electric's Cooper® welding cobots, the XpertLINC platform will expand

Launching initially on Cooper® welding cobots, the XpertLINC platform will expand across Lincoln Electric's broad range of automated cutting and welding solutions over time.

"XpertLINC redefines what is state-of-the-art in the fabrication industry and what manufacturers should now expect from robotic welding systems," said Kevin Whaley, Executive Vice President, President, Global Automation at Lincoln Electric. "XpertLINC solves customers' toughest

across Lincoln Electric's broad range of automated cutting and welding solutions over time.

fabrication challenges including labor availability, productivity and quality with a purpose-built industrial AI-driven platform that not only automates welding

intelligence, but also integrates safety, reliability and data segregation into its architecture. Lincoln Electric, as The Welding Experts® and a leading automation provider, is uniquely positioned to combine welding expertise, automation controls, and intelligent software into a unified physical AI platform solution to optimize customers' manufacturing performance," Whaley concluded.

XpertLINC Reduces Barriers to Adoption of Robotic Solutions

With traditional robotic solutions, challenges with programming, part fit-up and joint geometry often lead to high downtime, excessive scrap, limited flexibility, and long changeovers. XpertLINC addresses these challenges by integrating sensors, physical AI-assisted decision tools, coordinated motion, and Lincoln Electric's extensive fabrication process expertise to control the robot without the need for programming.

The process starts with the operator showing the cobot the start and end points. XpertLINC then scans the part to capture actual joint geometry and assesses fit-up conditions. Leveraging Lincoln Electric's vast welding experience and any customer-defined Weld Procedure Specifications (WPS), XpertLINC then sets the coordinated motion and welding process parameters to make the part. It dynamically adapts to real-world conditions such as part variability, without the time and programming expertise required to make a good weld. XpertLINC can even flag out-of-specification parts for review and corrective action.

See XpertLINC at FABTECH 2026, October 21-23, Booth #S29000

Lincoln Electric will demonstrate XpertLINC at FABTECH 2026, where attendees can engage directly with XpertLINC and see how it scans actual joint conditions and generates coordinated robot motion and welding parameters through an integrated workflow.

To learn more or schedule a demonstration, visit <https://www.lincolnelectric.com/XpertLINC>.

About Lincoln Electric

Lincoln Electric is a high-performance industrial machinery and technology leader who helps customers manufacture and maintain vital equipment and infrastructure. Lincoln Electric's innovative solutions enable higher quality and productivity across a variety of processes including welding, cutting, brazing, machining, process automation, and field repair. The Company leverages proprietary technologies and expertise in materials science, power electronics, automation, and intelligent software to help customers build better and achieve resilience in

their operations. Headquartered in Cleveland, Ohio, Lincoln Electric is the essential 'Linc' that keeps the economy running. The Company operates 71 manufacturing and automation facilities across 20 countries and serves customers in over 160 countries. For more information about Lincoln Electric and its products and services, visit the Company's website at <https://www.lincolnelectric.com>.

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Source: Lincoln Electric Holdings, Inc.