

Press Release

Lenze at Interpack: Compact motion control solutions for future-ready packaging

Hamelin/Düsseldorf, April 2, 2026. The demand for ever more powerful machines and increasing regulatory requirements, such as the Packaging and Packaging Waste Regulation (PPWR), are fundamentally changing the rules in the packaging industry. OEMs are under growing pressure to design packaging that is as small, material-efficient, and sustainable as possible—while maximizing space utilization and flexibility. What appears to be purely a packaging issue has far-reaching implications for mechanical engineering: such profound changes in packaging require new machine designs. This presents an opportunity to make machines even more compact, flexible, and energy-efficient while ensuring the highest level of precision. At Interpack 2026 in Düsseldorf, from May 7 to 13 in hall 6, booth D50, Lenze will demonstrate how this increasing complexity can be mastered with well-engineered drive solutions, intelligent electrification, and engineering tools that place speed and simplicity at the forefront.

MOVE STRONGER: Lenze motion control solutions for high-performance packaging machines

As a specialist in drive and automation technology, Lenze offers application-specific motion control solutions for the packaging machines of tomorrow. At Interpack 2026, Lenze will show how the combination of in-depth application expertise and powerful servo and drive technology enables precise, energy-efficient, and cost-effective solutions for every machine architecture—from sensorless control to drive solutions for the highest cycle rates. Open interfaces, integrated safety, and end-to-end engineering also shorten development times, increase system availability, and ensure the flexibility that modern packaging machines demand.

Cost and energy efficiency with the IE5/IE6 Motor Drive System

With this drive system, Lenze offers a decentralized solution with servo-like performance. In combination with the Lenze i650 motec frequency inverter, the Motor Drive System achieves IE5/IE6 energy efficiency classes and supports machine optimization through sensorless positioning and integrated regenerative capability—helping OEMs process sustainable packaging materials

more effectively. Visitors will also experience how machine architecture can be adapted flexibly and how high dynamics, precise motion, and reduced hardware effort can be optimally combined for modern packaging machines with demanding motion profiles.

Inline robotics without cycle interruptions

Another highlight at the booth is a delta robot demonstrating highly precise pick-and-place processes on two rotating tables—without having to stop them. Through rotary tracking, products are picked up and placed synchronously, eliminating unnecessary cycle times and maximizing efficiency. This is made possible by Lenze’s “Feasible Application Software Toolbox.” Known as “Lenze FAST,” this modular software toolkit enables machines to be implemented faster, in a more structured way, and with significantly less programming effort. The Lenze FAST Robotics Template used in the delta robot significantly reduces engineering effort by parameterizing robotics instead of programming them. Users benefit from short cycle times, increased line performance, and a scalable system solution that ensures the highest level of process reliability.

Easily realize modular packaging machines

A real eye-catcher at the booth is the Lenze Jonglator: The high-performance motion control system demonstrates how powerful servo inverters handle complex motion requirements while remaining more compact than purely mechanical motion solutions. Thanks to Lenze’s open architecture, modular machines can be planned and implemented much more easily. Consistent functions and interfaces across controllers, HMIs, and I/Os enable seamless integration. This means motion, logic, and HMI functions are executed reliably and in parallel, even at high cycle rates and with increasing machine complexity.

Mpac tray former live at the booth

Under the motto “Motion enabled by Lenze,” Lenze demonstrates on a machine from customer Mpac how machine solution expertise creates real added value: the high-performance tray former processes up to 200 trays per minute and is therefore ideally designed for demanding production environments. An innovative rotary infeed concept replaces conventional pusher systems and ensures stable, continuous operation at high speeds. Reliable synchronization and Lenze’s dynamic drive technology ensure this performance over the long term. As a result, Mpac’s tray erector is an ideal example of sophisticated packaging solutions and demonstrates how the complete Lenze portfolio delivers high speeds, precision, and consistent drive performance in demanding packaging processes. Another advantage of the system: It replaces conventional plastic trays with

environmentally friendly cardboard containers. This supports the industry's transition toward more sustainable, plastic-free packaging solutions.

About Lenze

Lenze is a leading drive specialist for machine and plant engineering. For more than 75 years, the company has set the pace and been a strong partner at its customers' side. With the help of the triad of electromechanics, electronics and software, Lenze accompanies its customers and helps them to optimize production and logistics processes, cut costs and reduce their energy consumption.

The Lenze Group, based in Aerzen, employs more than 3,400 people worldwide and is represented in 45 countries. Group-wide, the company generated a turnover of 828 million euros in the 2023/2024 financial year.

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