

Press Release

More efficiency, fewer cables: Lenze's i950 DC-Link provides powerful answers for intralogistics

Stuttgart/Hamel, March 24, 2026. At LogiMAT 2026, Lenze will be presenting the new i950 DC-Link - an evolutionary expansion of the servo portfolio that helps machine builders to master increasing demands in intralogistics. These include growing pressure for efficiency, high energy consumption, limited space in the control cabinet and an increasing shortage of skilled workers. The integrated DC-Link significantly reduces wiring work, speeds up commissioning and provides a scalable basis for sophisticated multi-axis systems. This provides machine manufacturers with a future-proof path for sophisticated motion control systems.

The changing market: what currently motivates intralogistics customers

Intralogistics companies are currently facing a variety of challenges. Rising energy costs require more efficient drive technology, while the shortage of skilled workers is increasing the demand for systems that are easy to integrate and quick to put into operation. At the same time, there is a growing need for space-saving solutions that can be flexibly adapted to changing process requirements. This is precisely where the i950 DC-Link comes in. "With the i950 DC-Link, we are expanding our servo portfolio in an evolutionary way and setting a new standard for modular, powerful and future-proof servo drive solutions. The i950 DC-Link is based on the proven i750 and i950 technology and transfers their strengths into a modern, future-oriented multi-axis concept with an integrated DC rail system," explains Daniel Repp, Corporate Product Manager Drive Axis of the Lenze Group. This system significantly simplifies cabling, shortens installation times and reduces costs. In addition, the new drive impresses with its high power density and its compact design, which ensures minimum control cabinet sizes without restricting flexibility or modularity.

The i950 covers a wide power range up to 30 kW and offers increased overload capacity. It supports synchronous and asynchronous motors as well as linear motors, torque motors and One Cable Technology. Maximum torque density and fast current control enable precise and dynamic motion control. Hybrid motor connectors ensure faster and error-reduced installation.

Selectable fieldbus modules also ensure smooth integration into control architectures from other manufacturers. Integrated safety functions such as Safety over EtherCAT (FSoE), ProfiSAFE and the Safety Validation Tool offer a high level of safety.

Perfect for intralogistics applications - especially storage and retrieval machines

— The i950 DC-Link really comes into its own in intralogistics, where compact, energy-efficient and extremely precise solutions are required. Typical areas of application are automated packaging lines and storage and retrieval machines. The integrated DC rail system significantly reduces the wiring effort, which minimizes the error rate and shortens installation times. At the same time, the high power density enables a particularly space-saving control cabinet design. For storage and retrieval machines that require maximum dynamics and precision, the drive offers an ideal combination of compact form factor and maximum performance. Customers are already confirming that the DC rail architecture represents the decisive added value of the new system.

Energy efficiency as a key issue and DC systems as the technology of the future

— The DC-Link significantly simplifies and improves energy distribution and therefore energy efficiency within a DC system. The use of regenerative power supplies enables further energy savings in a simple way.

At LogiMAT, our expert Dr. Marian Köller will give a keynote speech followed by a panel discussion on the potential of DC systems for industrial energy supply - and why companies are already reaping clear benefits today. The session will take place on March 25, 2026 from 10:10 to 11:00 a.m. in the Expert Forum (ICS C1).

About Lenze

Lenze is a leading drive specialist for mechanical and plant engineering. For more than 75 years, the company has been a pacemaker and 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 3,600 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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