

Press Release

Lenze at ITMA Asia 2025: Modular machine concepts with Lenze FAST Application Software and PLC Designer

Singapore/Aerzen, October 28, 2025 - Lenze, a leading supplier of drive and automation technology, will be presenting a powerful toolset for the simple creation of modular software at the world's largest trade fair for textile and clothing technology, ITMA Asia (October 28-31, 2025 in Singapore), in Hall 7, Stand B201. Modular machine concepts are becoming increasingly important in textile machinery manufacturing. They enable customized, scalable solutions for different applications and offer advantages in terms of flexibility, efficiency and future-proofing.

The Lenze FAST Framework and PLC Designer 4.0 enable the flexible configuration of machine variants - regardless of the hardware used. This shortens the time-to-market and reduces sources of error in the engineering process.

Increasing efficiency and productivity through automation and digitalization is one of the biggest challenges for companies in the textile industry. Customers need solutions that not only reduce energy consumption and costs, but also respond flexibly to individual requirements and enable seamless integration into existing systems. As a technology leader in the field of motion control for finishing and spinning machines, Lenze is driving innovation.

Open interfaces for seamless integration

Lenze's automation systems have open interfaces that enable easy integration into OEM ecosystems and the integration of third-party components. End-to-end data access from the drive to the cloud creates transparency and opens up new possibilities for digital services.

Efficient configuration without programming knowledge: More flexibility and shorter time-to-market

The simple adaptation of machine configurations without in-depth programming knowledge accelerates market launch, minimizes sources of error and enables flexible price-performance models. Targeted quotation creation also opens up new potential in sales. Thanks to intuitive configuration options, there is no need to involve specialized software developers. This significantly shortens the time-to-market and reduces the risk of errors in the development process. Adjustments to the machine configuration can be made flexibly and at a later date in order to optimally meet individual customer requirements and ensure an attractive price-performance ratio.

PLC Designer 4.0 makes it possible to create modular software. First, a standard program is created, on the basis of which machine variants can then be derived through configuration. Programming is carried out using function definitions. The hardware selection is independent of this and only becomes relevant at a later stage.

The FAST Framework offers a toolset for programming modular software with automatic error and interface management. The configuration of the individual machine can be derived by selecting the options of the chosen configuration. Customers can select the hardware independently of this, so that a servo system or an open IE5/IE6 package is used, for example, depending on the application requirements.

End-to-end automation platforms with modular software and scalable hardware enable precise control and modification of processes such as yarn spinning, winding, printing or washing in the textile sector. The integration of servo systems, distributed controllers and modular I/O islands ensures high flexibility and productivity.

About Lenze

Lenze is a leading drive specialist for machine 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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