

Press Release

Lenze will present its automation platform for the packaging and handling industry at all4pack 2018.

Lenze is opening a new chapter in automation for the all4pack fair. The company's latest modular device, the i950 Servo Inverter, gives machine manufacturers access to a comprehensive automation platform. In future it will no longer matter whether the machine builder is looking for a centralised or a decentralised automation topology or an intelligent mix of the two. Lenze's future-proof portfolio covers the control level, the field level, and the electromechanics, and it ensures standardised data communication as well as connectivity to the cloud. It offers easy, efficient access for machine manufacturers who have to get highly flexible, intelligent, networked and custom-made machines to market as quickly as possible along with the corresponding digital offerings – and who regard the acquired expertise as a secure investment in the future.

Roissy, August 22, 2018 - The Lenze portfolio is now uniformly compatible and scalable, ensuring the greatest possible flexibility in the implementation of modular machine concepts and facilitating automation solutions that are tailored to meet the requirements of the task in hand. The new i950 servo inverter, like the controllers in the Lenze portfolio, allows the machine manufacturer to use the standardised technology modules in the FAST Application

Software Toolbox. Where necessary, he can adapt these modules individually for specific customers or use his own software if it is programmed in IEC61131-3. This means he can develop his machine modules in a standardised way and, making a very safe investment with very little outlay, he can develop a comprehensive set of reusable software – whether for modules with a decentralised intelligence in each axis or for modules with a powerful central control for complex multi-axis movements. From the software-engineering point of view, it will be irrelevant whether a servo inverter is integrated into the machine topology as a simple activating drive, as a parameterisable axis, or as a freely programmable axis.

Ready for the Internet of Things

Modern automation solutions should not restrict themselves merely to networking the machines on the shop floor. The further development of business models in the context of digital transformation is inextricably linked to cloud computing. Data from machines and systems are collected in the cloud, analysed there, and then linked to other information when necessary. Connectivity to the cloud will become a standard feature of the field level in the next few years, like fieldbus communication. This is why Lenze consistently uses standardised protocols such as OPC UA or the MQTT standard in its automation portfolio. This guarantees that its components are future-proof even in the age of cloud computing. Working in collaboration with the providers of cloud infrastructures, Lenze has thus created the basis for generating information – or, even better, knowledge – from data and thereby increasing the productivity and reliability of its customers' machines and systems.

Digital services

Digital transformation is changing the basic operating conditions for all production companies, and this has consequences for machine manufacturers.

In a digitally transformed market, the capability for specifying, developing, implementing, supplying and maintaining comprehensive software systems and, in particular, inter-operable digital products will be of crucial importance. The conventional machine control application, which machine manufacturers today call “software”, will be used in only a small proportion of the systems of the future.

Lenze is meeting the digital challenge with a uniformly compatible service portfolio that comes from an automation specialist with more than 17 years of experience in the software business. The portfolio ranges from concepts and methodologies to application modules, and it connects the levels from sensors/actuators all the way up to cloud business models.

Here, too, the uniform compatibility of the portfolio makes it possible to find suitable solutions for the customer's situation and requirements. The support begins with ideas and concepts for digital products and services, and it extends to dedicated teams for fast, flexible software development and to operation and support for cloud solutions. In collaboration with platform

suppliers, Lenze can provide application modules for such things as connectivity and asset management or analytics apps. The company's philosophy is to focus on open standards and modular architectures for a high level of investment security. This means that OEMs and production firms can exploit the possibilities of digitalisation, offer their customers new digital services and increase the productivity and reliability of their machines and systems.

You want to know more?

**Come and visit us from 26 to 29 next November at all4pack,
on our booth S 117 in the hall 6**

Or contact us to 01 49 90 12 12 or per email sales.fr@lenze.com

Image



Legend:

Modularity and flexibility for the machines with the Lenze Automation Platform.

(Lenze photo)

About Lenze

Lenze is a globally active specialist in Motion Centric Automation, offering a comprehensive portfolio of products and services: everything from controllers and visualisation to electric drives and electromechanical applications, plus engineering services and tools, and it all comes from one source. Lenze's experts work together with the customer, designing integrated drive and automation solutions that simplify the realisation, production and servicing of machines. Lenze is one of the few suppliers in the market who support the machine builder in all phases of the machine-building process.

Employing around 3,400 people worldwide, Lenze is represented in 60 countries by its own sales companies, development sites and production plants, backed by a network of service partners. The main headquarters are in Germany, with a large research and development division, two production sites and a logistics centre that supplies customers in north-eastern Europe. The customers are supported by an international network of sales and application engineers.

In France, the Lenze SE subsidiary has more than 40 years of experience with its commercial headquarters based in Roissy-en-France, a manufacturing site and a logistics platform located in Ruitz near Béthune. Over 150 people serve customers including sales and application engineers in each region.