

Intelligent Material Storage System for Consumables Marquardt decides to use the S10 select again

The EKRA material storage system S10 select offers flexible storage possibilities thanks to its modular design. It can be integrated into the production process to save space and makes long distances to an outsourced material storage obsolete. Marquardt, a manufacturer of mechatronic switching and operating systems, has again invested in the solution for its site in China. The S10 select has already been in use at the headquarters in Germany for five years.

In the S10 select, consumables such as solder paste or adhesives can be stored in a product-compliant and production-oriented manner. In order to meet product-specific requirements, it is possible to flexibly set temperatures between 4°C and 25°C. The material is issued in a resource-saving manner: the expiry date can be defined for the respective material in order to control the timely consumption.

"Five years ago at our headquarters in Riethem-Weilheim, and again last year in Asia, we were faced with the challenge of standardizing our production and using the appropriate tools for this purpose. We focused on reducing manual intervention to a minimum. We want to eliminate sources of error. The S10 select was the ideal choice for us in terms of consumables management," explains Irene Orban, who works in electronics production at Marquardt.

A major argument for Marquardt's purchase decision was the goods issue via the FIFO principle (first in, first out). This effectively reduces rejects. Marquardt also mentioned password protection as a decisive advantage. Only selected employees can access the system, withdrawals become more traceable. The connection to the cross-production MES system enables controlled monitoring of all parameters of the consumables. "Thanks to the S10 select, we were able to improve quality in

production and effectively avoid errors. We have gained more security and control in consumables management," says Irene Orban.

With an integrated label and RFID printer, the materials can be easily traced even after goods have been issued. It is also possible to connect the S10 select to autonomous transport robots so that the material can be distributed completely autonomously in the production. Thanks to the SIMPLEX user interface, the system can be handled intuitively.

About EKRA Automatisierungssysteme GmbH

EKRA is a specialist for high quality and high performance screen and stencil printing systems as well as for services and products around the complete printing process. Since 2005 the company is part of the ASYS Group. The unique portfolio includes products and solutions for applications in the fields of SMT, hybrid thick film and advanced packaging. It ranges from manual laboratory printers, fully automatic inline systems and flexible double-track solutions to complete customer-specific production lines.

About Marquardt

Marquardt, a family-run company founded in 1925 and based in Rietheim-Weilheim, Germany, is one of the world's leading manufacturers of electromechanical and electronic switches and switching systems. The products of the mechatronics expert are used by many well-known customers in the automotive industry and include operating components, vehicle access, driver authorization systems and battery management systems. The company's systems are also used in household appliances, industrial applications and power tools. Marquardt Group employs approximately 10,500 members of staff worldwide at 20 locations in four continents. The company generated 1.3 billion euros sales revenue in the fiscal year 2019. Each year, Marquardt invests around ten percent of its revenues in research & development.

Press Contact:

Tatjana Hofmann

tatjana.hofmann@asys-group.com

+49 7348 9855 5106