

Press release

IRCE 2018: Swisslog will showcase future-ready robotic, data-driven and flexible automated solutions

Newport News, VA, 23 April 2018 – Swisslog Logistics Automation will showcase a variety of scalable, future-ready solutions designed to give customers the flexibility to meet changing demands at Internet Retailer Conference & Exhibition (IRCE), Booth 1948, June 5-8, 2018 at McCormick Place West, Chicago. IRCE is the world's largest and best known e-commerce event. Software, smart data and flexible, scalable automation solutions will all be featured as part of Swisslog's strategic initiative to help companies keep pace with Industry 4.0.

Robotics Demonstration: ItemPiQ

A live demo of Swisslog's ItemPiQ will be featured at IRCE. ItemPiQ is designed for repeated, reliable single item picking to fulfill fast delivery of orders at low operational cost. It perfectly suits the requirements of companies in the e-commerce and retail industries. Thanks to parent company [KUKA's LBR iiwa robot](#) and its sensitive handling properties, ItemPiQ can pick and place fragile items, and offers intuitive operation. The robot is mounted on a space-efficient, portable platform containing all the necessary equipment, and allows complete flexibility.

ItemPiQ can pick a broad variety of items recognized by the intelligent vision system, which is able to detect grasping points of unknown items and thus simplify the learning process. ItemPiQ can easily cope with changing assortments. Its multifunctional gripper can handle a wide range of diverse products thanks to four different grasping methods, selected according to the products being picked and placed. It can pick up to 600 items per hour depending on the items' size, shape and weight. The system is easily combined with Swisslog's other intralogistics solutions, such as AutoStore and CycloneCarrier.

Flexible, Scalable Goods-to-Person Automation: Introducing New CarryPick KMP600 AGV

The Swisslog exhibit will also showcase the new [CarryPick solution](#), an automated storage and order fulfillment system that is a flexible, scalable asset for delivering high value to customers in e-commerce and multi-channel fulfillment operations. CarryPick's automated guided vehicles continuously supply workstations with mobile racks. This flexible new approach to automation

supports different sizes and weights of products, provides the ability to add racks and AGVs quickly as storage volume increases and enables equipment to be easily moved from one warehouse to another.

The CarryPick system's new KMP 600 AGV was developed in close collaboration between KUKA and Swisslog and is manufactured by KUKA. The new AGV offers a number of distinct advantages, including:

- Highest performance and reliability through a fully integrated system that includes not only the vehicle but the system software.
- Comprehensive service by the KUKA and Swisslog global support network.
- Superior mechatronics that make the AGV much quieter and enable a more ergonomic workspace.
- Increased battery run-time and reduced ecological footprint through weight reduction.
- Great system stability for reduction in downtime and better WIFI capabilities.
- Highly competitive cost structure due to standardization across other KUKA product lines.

The new CarryPick system will be the most powerful, attractive and future-proof automated storage and fulfillment solution on the market.

Swisslog at IRCE 2018 – Booth 1948

Contact

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About Swisslog Logistics Automation

We shape the future of intralogistics with robotic, data-driven and flexible automated solutions that achieve exceptional value for our customers. Swisslog helps forward-thinking companies optimize the performance of their warehouses and distribution centers with future-ready automation systems and software. Our integrated offering includes consulting, system design and implementation, and lifetime customer support in more than 50 countries. Swisslog is a member of the KUKA Group, a leading global supplier of intelligent automation solutions with more than 14,000 employees worldwide.

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