

## **PRESS RELEASE**

*Weinsberg, 22 March 2023*

### **Kitchen countertops just-in-time**

**SWISS KRONO is accelerating picking for innovative countertops and melamine-coated wood panels for furniture production and interior fittings with a heavy-duty high-bay warehouse by Vollert. All wood formats required for picking will be provided in only two minutes.**

SWISS KRONO is a leading international provider of wood materials. The traditional company is producing laminated panels and designs for furniture production and interior fittings as well as floorings and oriented-strand boards for solid wood construction. The Swiss manufacturer maintains ten factories in eight countries today and continues to invest in development of its production facilities. Vollert recently installed an automated high-bay warehouse in the group's largest factory in Zary, Poland, to accelerate picking and shipping of rainbow stacks with design panels and countertops. Although the two-row warehouse with 11 levels on a length of 60 meters offers up to 1,700 storage location combinations for up to 920 storage locations, Vollert's stacker crane permits secure storage and retrieval of wood panel packages that can weigh as much as 2.5 tons within no more than minutes.

### **High acceleration and traveling speed**

The 12-meter-high stacker crane is storing the wood panels safely on cantilevers in left- and right-hand stacks alike in the new high-bay warehouse. A pressure plate secures the panel stack from above during acceleration to permit high traveling speeds of up to 3.5 m/s – which equals short cycle times of up to 26 double cycles per hour. An integrated length, height, and contour inspection will check beforehand that the panels actually correspond to the packages stored in the system and that they have been stacked correctly. Three different product sizes are available, at 2.07 x 2.8 m, 1.2 x 4.1 m, and 0.6 x 4.1 m. Three variable telescoping forks on the stacker crane automate optimized handling of the different lengths. Up to three panel packages are stored per compartment for optimal utilization of the storage locations. Products are delivered to shipping on roller tracks. Vollert supplied the control unit, the stacker crane, and the steel structure for the high-bay warehouse, also considering integration of a fire protection facility.

## **Shipping on call – ready for the future**

SWISS KRONO enables just-in-time provision of wood panels at the picking places before direct shipping to the customers in its new high-bay storage. The system permits direct access to any panel stack and provision of the same within just a few minutes while preventing damage in automated transport. SWISS KRONO thus is ready for the future with custom shipping on call. Similar projects are already being planned and implemented with Vollert for other sites.

## **About Vollert Anlagenbau GmbH**

As specialists for heavy loads and large parts, Vollert Anlagenbau GmbH develops turnkey intralogistics concepts for the aluminum and metal industry. As a general contractor and full-service provider, the service range encompasses state-of-the-art material flow, storage and packaging technology as a stand-alone solution or integrated into a larger logistics environment.

Whether fully automated mega-high bay systems for aluminum coils, intelligent material flow systems for the leading aluminum extrusion press manufacturers, the world's most efficient stacker cranes for the storage of sheet metal plates, automatic crane systems for 50 tons and more or the most modern surface coating systems – Vollert is everywhere.

Vollert's plant and machine solutions are deployed in more than 80 countries around the world and in Asia and South America the company's own subsidiaries strengthen in addition the sales activities. Vollert employs more than 250 people at its company headquarters in Weinsberg. **[www.vollert.de](http://www.vollert.de)**

## **Press contact**

### **Frank Brost**

Head of Marketing/Communications

Vollert Anlagenbau GmbH  
Stadtseestr. 12  
74189 Weinsberg/Germany  
Phone: +49 7134 52 355  
E-mail: [frank.brost@vollert.de](mailto:frank.brost@vollert.de)



**Image 1 + 2 (source: Vollert):**

Vollert is accelerating shipping at SWISS KRONO in Zary, Poland, with a high-bay warehouse for wood panels, enabling direct access to any panel stack within just a few minutes.



**Image 3 (source: Vollert):**

A pressure plate on the stacker crane secures the design panels and countertops in transport, permitting high accelerations and traveling speeds of up to 3.5 m/s – at a payload of 2.5 tons.