

# Warehouse sensation: VETROPACK's fully-automated Boffalora sopra Ticino site



Setting a benchmark in glass manufacturing, VETROPACK's new fully-automated warehouse at Boffalora sopra Ticino in Italy integrates cutting-edge logistics and automation while enabling real-time traceability, enhanced safety and sustainable operations. Exemplifying the company's dedication to smart factory innovation, it maximises efficiency while advancing both environmental and operational standards.

## THE SMART FACTORY: SETTING NEW STANDARDS

A leader in European glass manufacturing, Vetropack recently unveiled a state-of-the-art, fully-automated warehouse at its advanced production facility in Boffalora sopra Ticino, Italy. This milestone reflects the company's commitment to embracing the latest in smart factory innovation. The cutting-edge facility provides streamlined logistics, real-time traceability, and a significant reduction in lead times - key advantages for Vetropack's diverse clientele. Says Jaroslav Mikliš, Vetropack Group Supply Chain Projects and Transformation Manager: "At Boffalora, all processes are aligned with the latest technology," highlighting the site's commitment to operational excellence.



## OPTIMISED EFFICIENCY THROUGH FULL AUTOMATION

Equipped with advanced automation technology, Vetropack's new warehouse optimises logistics, elevating productivity and accuracy far beyond that of traditional or semi-automated systems. Full traceability is maintained in real time, allowing Vetropack to identify and respond immediately to any logistical variations. The smart system also ensures that tasks are distributed seamlessly across resources, minimising bottlenecks and maximising capacity utilisation. The warehouse was meticulously designed with simulations to maximise efficiency. "In a fully-automated set-up, unnecessary movements are eliminated, while precise data acquisition empowers us to



## INDUSTRY 5.0

Industry 5.0



control and monitor with exceptional accuracy,” says Mikliš. The warehouse’s integrated monitoring system even allows for remote operation oversight - further enhancing operational resilience.

### A SAFER, MORE SUSTAINABLE FUTURE

Automation at Boffalora goes beyond logistics, contributing to Vetropack’s sustainability and safety objectives. By minimizing manual intervention, the

warehouse significantly enhances worker safety and protects the quality of secondary packaging, preventing incidents that could lead to product damage or safety hazards. Additionally, all transport vehicles in the facility are powered by high-efficiency lithium batteries, reducing both the duration and energy requirements of charging cycles. “Through efficient use of the space, we’re not only reducing shuttle traffic but are on

track to eliminate it completely,” added Mikliš, underscoring Vetropack’s drive to reduce its environmental impact.

The Boffalora facility stands as a model of what’s possible in modern, resource-efficient manufacturing, embodying Vetropack’s vision for the future of sustainable and high-performance glass production. This new warehouse solidifies Vetropack’s leadership in the industry, setting a high benchmark for both operational efficiency and environmental stewardship. ■



**vetropack** 

**VETROPACK  
HOLDING AG**

Schützenmattstrasse 48  
Ch-8180 Bülach - Switzerland  
Tel.: 0041-44-8633362  
info@vetropack.com

[www.vetropack.com](http://www.vetropack.com)



# CHINA GLASS 2025

## The 34<sup>th</sup> China International Glass Industrial Technical Exhibition

China International Exhibition Center(Shunyi Hall)  
May 26<sup>th</sup>-29<sup>th</sup>, 2025 · Beijing

**Host:** The Chinese Ceramic Society  
**Organizer:** Beijing Zhonggui Exhibition Co., Ltd.  
**Supporter:** China Building Materials Federation  
China Architectural & Industrial Glass Association  
China National Association For Glass Industry

**Tel:** +86-10-57811261, 57811409  
**Fax:** +86-10-57811262  
**E-mail:** [ceramsoc@chinaglass-expo.com](mailto:ceramsoc@chinaglass-expo.com)  
**http://**[www.chinaglass-expo.com](http://www.chinaglass-expo.com)



WeChat ID: CHINAGLASSEXPO