

Vieira Araújo:

Anticipating Impact on Operations



Vieira Araújo, a renowned manufacturer of caps, closures, and handles for both food and non-food industries, recognized the need for an advanced solution to optimize their storage and handling processes. In collaboration with Körber, they embarked on a project to implement a fully automated warehouse that enhances efficiency and streamlines operations.

Long-Term Partnership for Success

Vieira Araújo partnered with Körber to design a cutting-edge storage and retrieval system tailored to their unique operational needs. This collaboration underscores the company's commitment to operational excellence and continuous innovation.

Körber's automation solution has transformed our warehouse operations, offering flexibility, reliability, and seamless integration. We can now handle larger volumes while maintaining the highest quality standards for our customers, says Henrique Leal, Engineering & Development at Vieira Araújo.

Project Goal

- Improve operational efficiency
- Enhance storage capacity and flexibility
- Ensure smooth integration with production and dispatch areas
- Optimize order fulfillment speed and accuracy

Solution

- **Automated storage system:** Multiple deep storage configuration with a Stacker Crane and onboard Autonomous Satellite Vehicle (ASV).
- **Conveyor system:** Connecting production, storage, and dispatch areas.
- **Turnkey project:** Including automatic equipment, free standing rack, fire extinguishing systems, and Warehouse Control System (WCS)



Key Features and Benefits



Increased Efficiency and Throughput

The automated system optimizes the flow of goods, significantly improving the speed of storage and retrieval processes, reducing handling time, and increasing output.



Reliable and Flexible Operations

With Körber's automation, Vieira Araújo can operate consistently throughout the year, managing higher volumes and ensuring quick order fulfillment.



Seamless Integration

The warehouse control system (WCS) ensures flawless coordination between the storage, production, and dispatch areas, streamlining the overall workflow.



Sustainability and Cost Reduction

The system minimizes energy consumption and operational costs while maintaining high productivity levels.



Enhanced Storage Capacity

The multiple deep storage design maximizes available space, enabling Vieira Araújo to store larger quantities of goods efficiently.



Vieira Araújo's partnership with Körber represents a strategic investment in automation, helping the company maintain its position as a leader in the industry and ensuring the highest standards of operational efficiency and customer satisfaction.

