

Case Study

Scalable One-Stop Shop Solution





One-stop shop picking solution

Customer and task

Bucher Emhart Glass is the world's leading supplier of advanced technologies for manufacturing and inspecting glass containers.

The Swedish subsidiary in Sundsvall needed to improve fulfillment operations and required a solution that would optimize its floor space, provide better stock management and execute more efficient picking.

"As we were looking to make a secure, long-term investment, it was essential for us to find a flexible 'one-stop shop' solution, that would not only fit our current requirements, but also allow for future growth and development," says Andreas Strandin, Manager Production & Manufacturing Engineering at Emhart Glass.

Solution

Kardex installed four Kardex Compact Buffers with the capacity to efficiently store up to 16,000 locations.

With a footprint of only 26 m², this solution saves a considerable amount of floor space and eliminates walk time in the facility. Combined with the Kardex Power Pick System, the automated storage and retrieval system optimizes processes with smart picking strategies and ensures an ergonomic delivery of the items directly to the operator. Thanks to LED pointers, pinpointing the exact location for picking and putting, search time is reduced and both picking speed and accuracy have been improved.

To optimally organize stored articles, Emhart Glass selected Kardex VBM Boxes, specifically developed for the Kardex Compact Buffer. The Kardex VBM Boxes increase storage capacity by up to 35% compared to standard Euro Boxes, meaning each machine gains significant capacity.

Case at a glance

How we took our customer from task to solution

Bucher Emhart Glass was looking for a new, modern solution to optimize picking processes and create considerably more storage space. To allow for continuous growth, the company also needed the option to connect conveyor technology and AGVs in the future. After consulting with Kardex, Bucher Emhart Glass decided to invest in a tailor-made solution featuring four Kardex Compact Buffers.

Up to
600
picks/hour

Increased
picking
accuracy

Faster
replenishment



Scope of delivery



4 Vertical Buffer Module Kardex Compact Buffers
W: 4,400 mm D: 6,400 mm H: 6,100 mm



Kardex VBM Boxes



Kardex Power Pick System warehouse management software