**TGW's expertise in freezer applications gives Swedish grocery retailer a boost**

* **Temperature-controlled warehouse ensures optimal**   
  **product quality along the supply chain**
* **Fully or partly-automated compilation of orders onto**   
  **shop-specific roll cages**
* **Increased operational efficiency**

**(Marchtrenk, 8 September 2022) About a hundred kilometres west of Stockholm, TGW is working on a flagship project for Sweden's number one grocery retailer ICA Sweden and is scheduled to finish by January 2026. This highly-automated fulfillment center will allow ICA Sweden to increase the efficiency of its processes and expedite delivery to its shops.**

A 30-metre-high freezer warehouse for pallets will replenish a highly-dynamic shuttle system. The latter will allow direct access to each and every item and thus facilitate the shortest possible lead times. In order to pick the shops' orders, the required items will be retrieved, sequenced and then assembled; fully or partly-automated stations will then handle stacking of orders into roll cages appropriate for the shop in question. The system's various functional areas will be interconnected by energy-efficient pallet, carton and tote conveyors.

**Efficient shop replenishment**

The TGW Warehouse Software will ensure optimal item arrangement, thus minimising the effort required to restock the shop shelves. Compared to manual picking, the compact arrangement of the individual modules will also mean a significant reduction of the volume of space that needs to be kept cool, which will support ICA in achieving its sustainability goals.

All modules were designed for use at -25 °C in the demanding freezer environment: this includes the storage process as well as picking and palletising. They prove their productivity, efficiency and reliability on a daily basis at dozens of companies around the globe, including Coop (Switzerland), NewCold and Nordfrost.

**Common journey towards automation**

"We are delighted to accompany ICA as a partner on the journey towards automation," affirms **Kristian Brink**, Sales Project Manager at TGW Scandinavia. "Together, we will tailor the intralogistics to the needs of the Swedish market and implement a solution that sets new standards."

**About ICA**

With a turnover of 12 billion euros and a market share of about 36 percent, ICA is Sweden's number one grocery retailer. The company was founded as a cooperative purchasing association in 1938. Today, the retailer supplies 1,300 independent vendors in Sweden and the Baltic states with groceries and non-food items.

[www.tgw-group.com](http://www.tgw-group.com)

**About TGW Logistics Group:**

TGW Logistics Group is one of the leading international suppliers of material handling solutions. For more than 50 years, the Austrian specialist has implemented highly automated systems for its international customers, including brands from A as in Adidas to Z as in Zalando. As systems integrator, TGW plans, produces and implements complex logistics centres, from mechatronic products and robots to control systems and software.

TGW Logistics Group has subsidiaries in Europe, Asia and the US and more than 4,000 employees worldwide. In the 2020/2021 business year, the company generated a total turnover of 813 million euros.

Pictures:

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