



CASE STUDY | RETAIL, SERVICE | SOFTWARE

# RAIFFEISEN WARE AUSTRIA

AUSTRIA

## DIGITALIZATION AND WAREHOUSE NETWORKING

# WAREHOUSE OPTIMIZATION THANKS TO AUTOMATION

**Wholesale and service provider RWA Raiffeisen Ware Austria AG has quadrupled its sales in recent years – all without expanding its workforce.**

**How did they manage to continuously optimize storage in the face of seasonal fluctuations? By means of a fully automated intralogistics system and smart software that runs in the background, both powered by LTW.**

RWA in Traun supplies around 900 sites in Austria, Italy, and Germany every week. From their 70,000 m<sup>2</sup> premises, the company stores and turns round 17,000 items for the agricultural and horticultural sector. Previously, all products were manually stored in pallet warehouses; orders were either put together in boxes or on pallets. Seasonal fluctuations led to a great

deal of extra work since the warehouse had to be reorganized all the time in order to enable optimized order picking. In order to compensate for fluctuating workloads and a lack of skilled employees, a new logistics concept was required – an automated mini load system and smart logistics software that runs in the background.

### Automation

Automatic operation in the mini load system not only makes the work less complex but also faster. This is because the goods come direct to the employee and do not have to be brought together first with numerous forklift journeys.

In addition, up to now, the pallet warehouse was used for all orders. Today, the manual pallet und the automatic warehouse can be operated in parallel, which significantly increases productivity.

### And the best part?

For incoming goods, the employee automatically sees on the screen whether the item is stored in the manual or in the automatic warehouse and which bin should be used. Depending on the item history, the system suggests the optimal bin size in order to optimize additional order picking.



# RWA

### RWA Raiffeisen Ware Austria AG

Wholesale and service provider of the Lagerhaus-Genossenschaften [warehouse association] in Austria

**Founded:** 1998

**Employees:** 2,312



Warehouse with 46,400 bin spaces





Inbound with automatic empty bin supply system

## Warehouse optimization

At the site in Traun, optimizing the warehouse is part of an ongoing process. With this in mind, RWA chose to introduce our warehouse management software back in 2004. Our software has been fully updated in the intervening 20 years. Not only has a lot changed technically, but our new LTW LIOS Cockpit also has a lot to offer in terms of the visualizations.



**"What LTW has done here is really a dream. Our employees can now see at a glance what they have to load and where, ensuring that processes go forward as efficiently as possible. It's great for me as a manager too as you can instantly see what's happening in the warehouse."** Ingrid Peraus, Head of Logistics

In addition, the new intralogistics software makes route management significantly easier: since the system knows exactly how long it takes to complete a delivery, the software will release the picking order according to the departure time.

This means that the trucks can be loaded at precisely the right moment and arrive at the customer's premises on time. All these factors have enabled RWA's sales to grow impressively over the years – in fact, they have quadrupled.

## Why LTW?

After 20 years of successfully using our software, RWA once again chose to implement a solution from LTW. This is in part due to the positive experience they have already had with our products and services in the past. Another factor was that the LTW team already knows the entire system and the customer's needs inside out. Having the same employees from back then return to update the system today creates a level

of confidence. What else speaks in our favor? In the process of switching to the new software, optimization options for existing processes are highlighted. These learnings can be used to optimize the warehouse further.



Warehouse with five stacker cranes

**"The LTW team is up to date on all the latest in the world of warehouse automation and has incorporated new findings in order to continually optimize the system. Everything was built around our needs, enabling us to work even more efficiently. LTW has found the absolute best way to achieve this."**

Ingrid Peraus, Head of Logistics

When asked why RWA chose LTW again, the warehouse manager has no hesitation in answering: "This solution from a single source supplier means we have fewer interfaces and a single contact for any and all our concerns. Plus, I know the team. If I know reliable people who will do a good job, where the chemistry is right – why would I start looking for anyone else?"

## More Infos at:

[LTW.AT/en/references/detail/rwa-raiffeisen-ware-austria](https://LTW.AT/en/references/detail/rwa-raiffeisen-ware-austria)

# PROJECT OUTLINE



## HIGH-BAY WAREHOUSE

- In-house construction steel rack
- L x B x H: 60 x 15 x 14 m
- 5 rack aisles
- Double-deep storage
- Approximately 46,400 bin pallet spaces
- Payload: 50 kg
- Temperature range: +5 to +35 °C



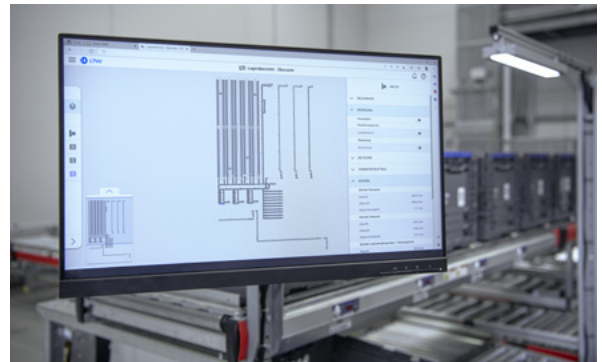
## STACKER CRANES

- 5 aisle-bound stacker cranes: Typ Mustang E+
- Rail systems: 300 m
- Driving speed: 180 m/min
- Driving acceleration: 150 m/min
- Lifting speed: 2,0 m/s<sup>2</sup>
- Lifting acceleration: 3,0 m/s<sup>2</sup>
- Performance: 65 KS / h / RBG



## CONVEYOR SYSTEM

- Inbound with an automatic empty bin supply system
- 3 pcs. picking stations
- Central bin conveying system
- Conveyor buffers for shipping containers
- 3 pcs. frame lifts
- 1 pcs. Z-lifts



## SOFTWARE

- Material flow control system
- Extension of the existing warehouse management system

## OTHER

- Pick-to-Light System for inbound and order picking