

## How a Selective Racking System Boosted Operational Efficiency for a Multisector Business Group

In a constantly evolving business environment, logistics efficiency and quick response capabilities are critical factors for competitiveness. This was the case for a major business group to whom we recently provided a customized storage solution using our **selective racking system**.

This group operates across multiple sectors including distribution, retail, manufacturing, and logistics resulting in a wide variety of products, processes, and storage needs. Implementing a versatile and scalable system was essential to support their growth, maintain operational efficiency, and ensure safe inventory handling.

### The Challenge: Product Diversity and High Operational Demand

With multiple distribution centers and thousands of active SKUs, the client required a solution that would:

- Provide direct access to every pallet without depending on the movement of others.
- Offer flexibility for handling products with different turnover rates.
- Optimize vertical space usage without compromising safety.
- Adapt easily to future expansion needs.

Their operations required a system capable of integrating FIFO and LIFO processes depending on the product type, while ensuring compatibility with various types and sizes of forklifts.

### The Solution: Selectivity, Flexibility, and Scalability

Our engineering team designed a **custom selective racking system**, maximizing the available space and ensuring fast, independent access to each pallet. This racking type is ideal for operations with high SKU variety, as it allows full visibility and better inventory control.

The layout included integration with picking zones, order consolidation areas, and inbound/outbound docks—streamlining the entire warehouse workflow. Load levels were customized for specific product weights, and the system was designed to allow for future vertical or modular expansion.

## Tangible Results

The implementation of the selective racking system delivered clear benefits from day one:

- **30% increase in storage capacity without expanding the warehouse footprint.**
- **Up to 25% reduction in order picking times.**
- **Improved warehouse organization, resulting in greater safety and efficiency.**
- **Better inventory control, thanks to direct access to every pallet.**
- **Fewer handling damages due to reduced unnecessary movement.**

The system enabled the business group to respond quickly to demand, reduce operational costs, and maintain a high standard of logistics performance.

## Full Support: Design, Engineering, and Installation

Beyond supplying the racking system, we provided a comprehensive service including **design and engineering**, technical consulting, on-site supervision, and operator training. This ensured a smooth, safe, and goal-oriented implementation.

Selective racking proved to be the ideal solution for a complex and fast-growing business group. At **RackUSA**, we understand that every operation is unique which is why we design systems that not only store goods but **turn your warehouse into a competitive advantage**.

If your company is ready to optimize its operations and take warehouse efficiency to the next level, we're here to help.

## Top German business group trusts RackUSA storage solutions