

Case studies

THE FERRETTO GROUP DESIGNED AND INSTALLED A LOGISTICS SOLUTION CONSISTING OF VERTIMAG AUTOMATIC VERTICAL STORAGE SYSTEMS WITH FLEXY PALLET SHUTTLES FOR THE LEADING FOOD DISTRIBUTOR



Sector: Wholesale food distribution

Place: Oristano - Italy

Fratelli Ibba is part of Abbi Holding and has operated in the wholesale distribution industry for over 60 years. The Group currently has 320 stores in Italy with about 1,200 employees, located in Sardinia, Lazio and Abruzzo.

Logistics, a strategic element in the reorganization of processes

In order to guarantee fast, efficient and accurate customer service, the company decided to change the dry food storage layout with the aim of improving the performance of its internal logistics. Thus, with the support of Massimiliano Manca, consultant and expert in Logistics and Management process analysis, Fratelli Ibba decided to revolutionize its logistics and order management.

The Ferretto Group was chosen as the ideal partner for the implementation of this ambitious plan. Fratelli Ibba thus shifted from a static racking system to a solution comprising automatic storage systems with the purpose of speeding up order fulfilment and improving space and stock management.

Objectives:

- Reorganize the logistics structure by optimizing picking and facilitating order fulfillment
- Increase storage capacity
- Improve productivity
- Strengthen service to the points of sale

Solution:

- 6 Vertimag automatic vertical storage systems with Ergo-Tech bays
- WMS management software developed in-house by the Ferretto Group and interconnected to the corporate ERP
- Multi-depth pallet racking with seismic-resistant structure made up of 3 load levels
- 4 Flexy pallet shuttles to transport the pallets into the loading channels

Value added:

- Increased storage capacity
- Faster order preparation
- Improved stock management
- Increased protection of goods
- Enhanced interface between logistics and other corporate departments
- Process innovation

The storage system in figures:

Storage system height: 7861 mm

External dimensions (DxW): 3,661 mm x 4,752 mm

Tray dimensions (DxW): 1,030 mm x 4,250 mm

Tray capacity: 550 kg

Total number of trays: 384

Total shelf area: 1,680 m²

Total footprint: 104 m²

The storage system in figures: Multi-depth seismic-resistant pallet rack

No. 4 Flexy pallets shuttles

Load levels: 2 + ground level

Unit load: Europallet 800 mm x 1,200

Storage capacity: 2,400 pallets







