

Case studies

WITOR'S



Sector: Food - Sweets

Place: Cremona - Italy

Ferretto Group's automatic storage system for business growth

Witor's, leading Italian manufacturer of chocolate products with international appeal, has chosen Ferretto Group to supply its new self-supporting automatic storage system so as to optimize the updated integrated logistics of the entire plant.

Objectives:

- Supply an automatic storage system to be located in the new picking/shipping area.
- Ensure the integration of flows between production and shipping of both the finished product and semi-finished product.
- Optimize storage according to product seasonality ensuring that production and logistic requirements coincide.
- Increase shipping performance by reducing wait times and increasing flexibility in fulfilling the numerous shipments due to the growth in the number of customers spread out around the world.

Solution:

- Automatic self-supporting storage system connected to production/shipping to support the operations in both areas.
- Shuttle units to feed the storage and retrieval (S/R) stacker cranes to maximize the potential of the system.
- Staggered double depth racking.

Technical characteristics:

- 16°C air conditioned warehouse with special attention to temperature control through adequate insulation.
- Integrated racking and air conditioning system through careful design.

Added value:

- The storage system was designed to respond to the growth of the company, ensuring excellent storage and performance capabilities for the foreseeable future.
- The picking/shipment area was reorganized with traditional racking and an area dedicated to manual palletizing, suitably integrated with a wrapping machine and an input line to feed the automatic storage system.
- The solution provided meets all customer's seasonal needs despite the particularly high structure.

The warehouse in figures:

Total capacity	13,776 pallets
Total surface area	2,500 m ²
Self-supporting storage system height	34.50 meters
S/R stacker cranes	3
Shuttle units to feed the stacker cranes	2



