

Sector: archiving

# CASE *history*



A multinational global leader in services for the protection and storage of information and document management.

**A multinational in the document storage and management industry chooses Ferretto Group for its storage solutions**

Maximum rationalization of the areas available in order to optimize the storage capacity with the most efficient use of the allocated storage space.

## System features:

- APR12 Racking system
- Available Area: 2,850 m<sup>2</sup>
- Load units: Cardboard boxes of various sizes
- Storage system served by manned pickers and forklift guides.
- 16,000 m<sup>2</sup> of storage shel

## Objectives:

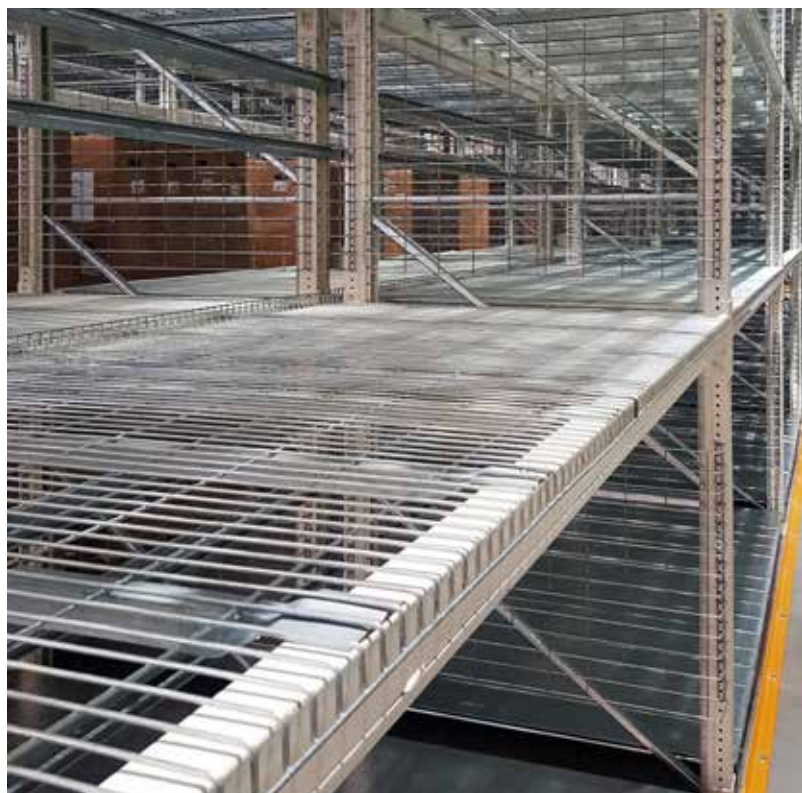
- Optimize the storage of boxes adapting the shelving components to the different load unit sizes.
- Achieve an efficient box search and picking speed.
- Achieve elevated versatility of use while maintaining maximum storage density.
- Increase the speed and dynamic nature of storage activities through the use of forklifts operating on tracks and equipped with contrast rollers.
- Compliance with fire regulations according to FMGlobal (Factory Mutual Insurance Company) requirements.

## Solution:

- Racking solutions with 11 load levels made of 100x30 mesh shelves designed to maximize the use of the space available.

## Technical characteristics:

- The design of the storage facility took into consideration the customer's needs and optimized the use of the available space thereby ensuring significant storage capacity.
- The modularity of the shelving and the characteristics of the APR12 racking solution enabled the objectives established in the design phase to be reached.
- The provision of a vertical smokestack allowed both the discharge of fumes and the entry of water.
- The logistics solution developed complied with FMGlobal's rigorous technical requirements in full.
- The custom welding of the beam brackets enabled the full height of the warehouse to be utilized thus maximizing the storage of boxes.
- All structures were designed and installed in full compliance with seismic codes.



The storage system in figures:

Footprint of the APR12 Racking solution:	2,800 m <sup>2</sup>
Total system height:	10.50 m
Load levels:	11 per span
Storage capacity:	222,700 boxes