



Case study: Iberfresco

Maximum storage capacity and direct access to the goods

Location: Spain





Mecalux has supplied Movirack mobile pallet racking in the Iberfresco warehouse, a company dedicated to the packaging of frozen vegetables, to maximise the surface area and store all of its products within the same installation.

Needs and the solution

Iberfresco used to deposit all its goods in different warehouses, making task management difficult and increasing operational costs.

Determined to resolve this situation, the company requested that Mecalux construct a facility to store and manage more than 25,000 t of frozen food that it produces and sells yearly.

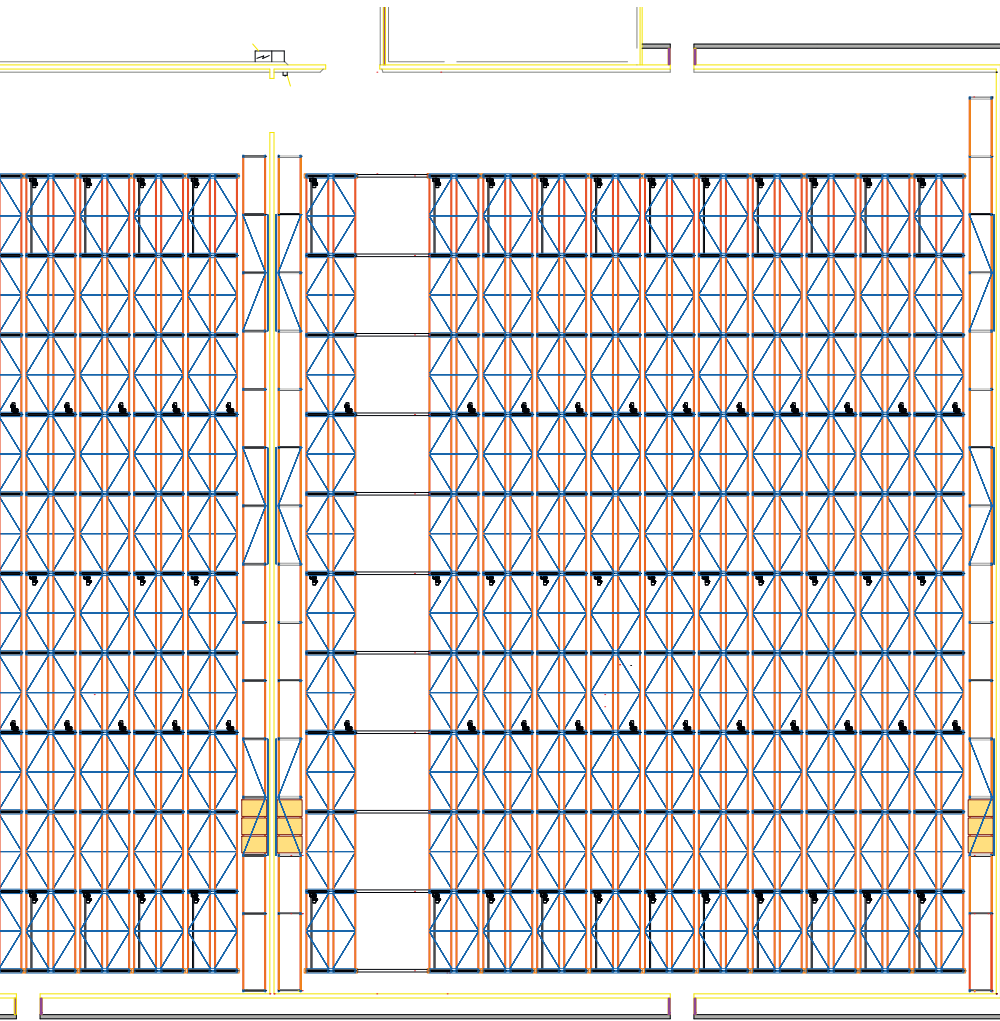
After studying the needs of Iberfresco, Mecalux equipped the new 3,000 m² frozen storage warehouse in Olmedo (Valladolid), with twenty-two 10 m high, 38 m long mobile racks. This upgrade provided a storage capacity of over 9,680 pallets, each weighing up to 1,000 kg. The warehouse is divided into two frozen storage installations, working at a constant temperature of -24 °C. Each frozen storage chamber has a safety passageway that joins to the emergency exits.

Movirack: racks on mobile bases

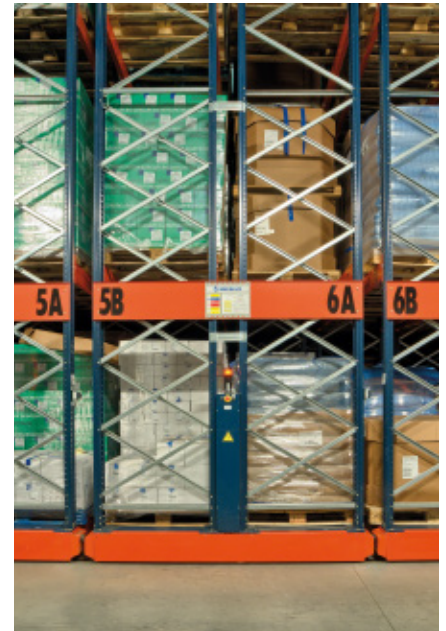
It is a high-density storage system that eliminates aisles while facilitating direct access to SKUs.

The racks are placed on mobile bases that move both laterally and independently. To open the required aisle and to extract or deposit the goods, the operator gives the command using a remote-control device.





The Movirack system is ideal in maximising the available space and increasing the total storage capacity, without losing direct access to each pallet





Advantages for Iberfresco

- **Maximum storage capacity:** the Movirack system makes full use of the 3,000 m² installation, generating enough capacity to store all the goods produced at Iberfresco.
- **Direct access to the pallets:** there is easy access to the 9,680 pallets, thanks to the racks which move laterally along guide rails.
- **Efficient service:** operations are very agile because operators only need to send a command from a remote-control device to open the working aisle and deposit or extract pallets.



Technical data

Storage capacity	9,681 pallets
Max. pallet weight	1,000 kg
No. of racks	22
Racking height	10 m
Racking length	38 m

