

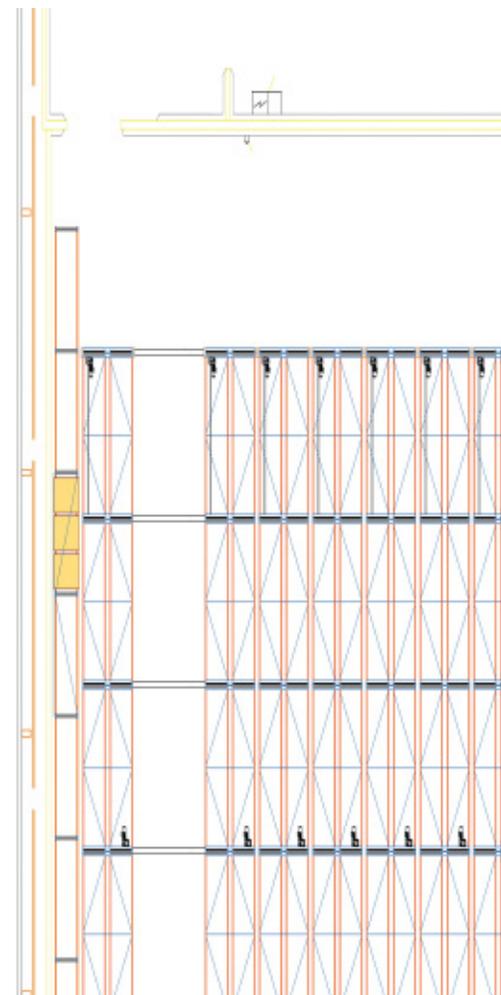
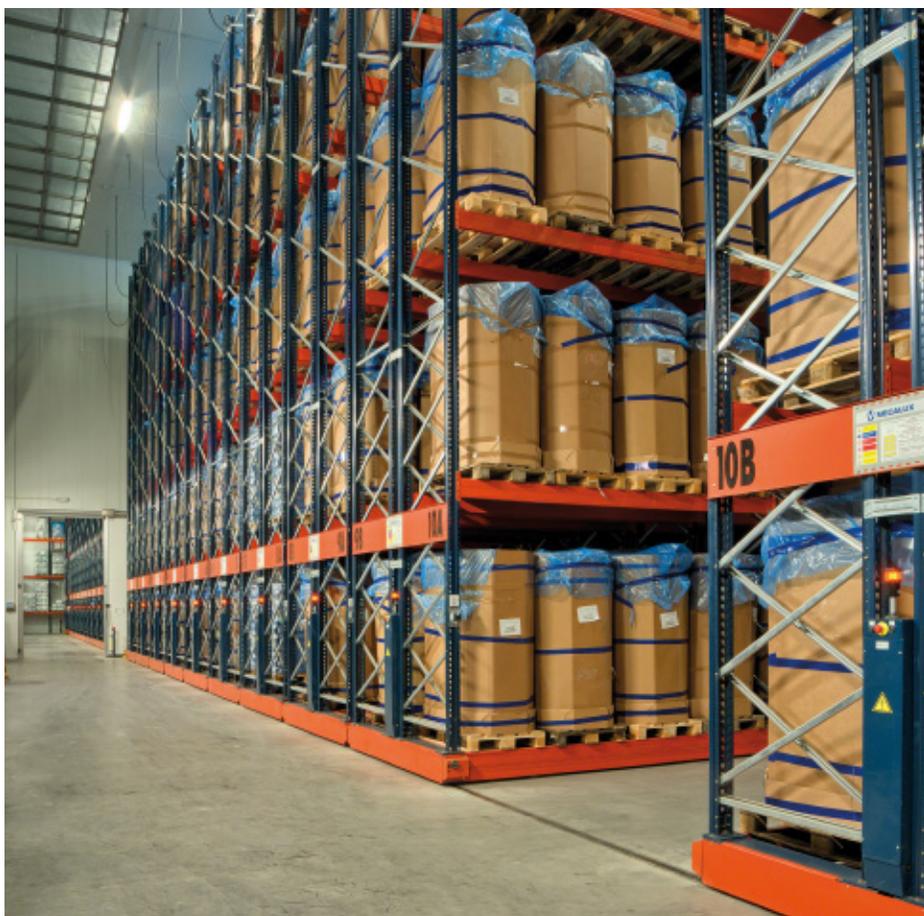


Case study: Iberfresco

Maximum storage capacity and direct access to the goods

Location: Spain





Mecalux has supplied Movirack mobile racks in the Iberfresco warehouse, a company dedicated to the packaging of frozen vegetables, to maximize 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 28,000 t of frozen food that it produces and sells yearly.

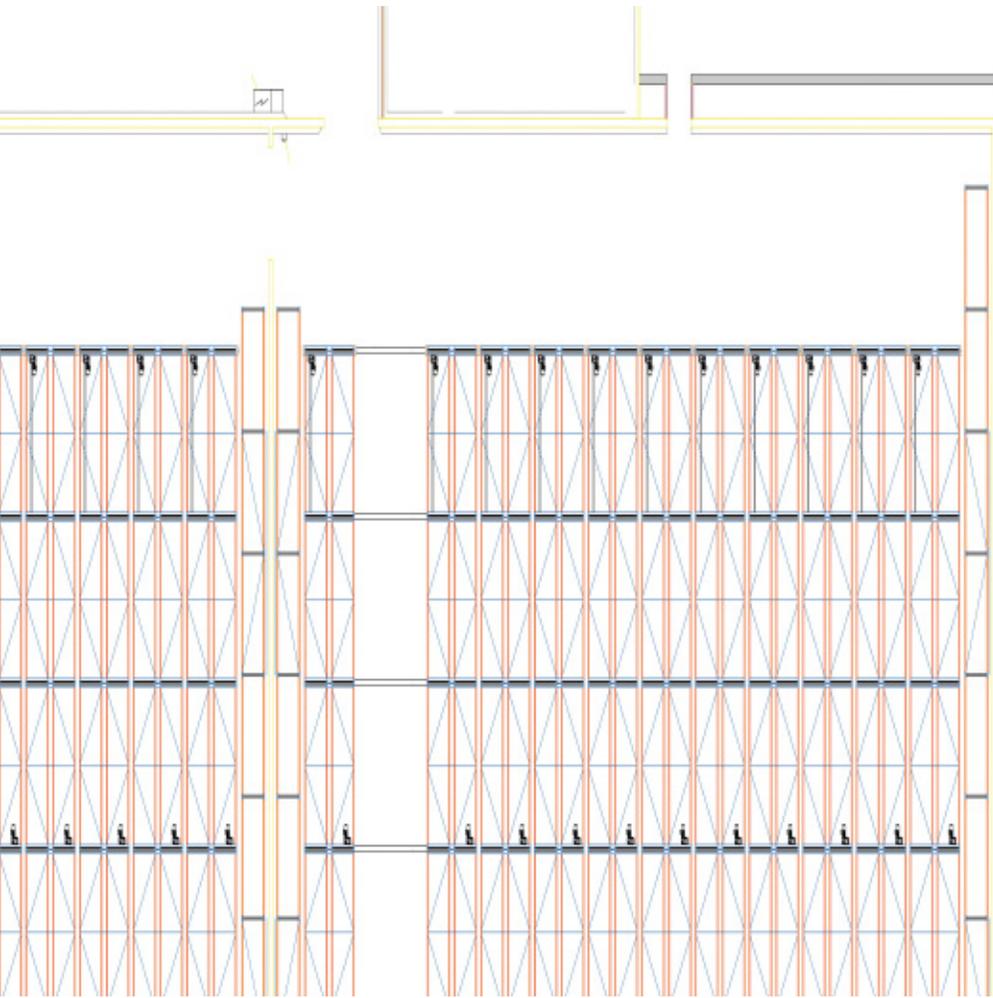
After studying the needs of Iberfresco, Mecalux equipped the new 32,292 ft² frozen storage warehouse in Olmedo (Valladolid), with twenty-two 33' high, 125' long mobile racks. This upgrade provided a storage capacity of over 9,680 pallets, each weighing up to 1.1 t. The warehouse is divided into two frozen storage installations, working at a constant temperature of -11 °F. Each frozen storage chamber has a safety passageway that joins to the emergency exits.

Movirack: racks on mobile bases

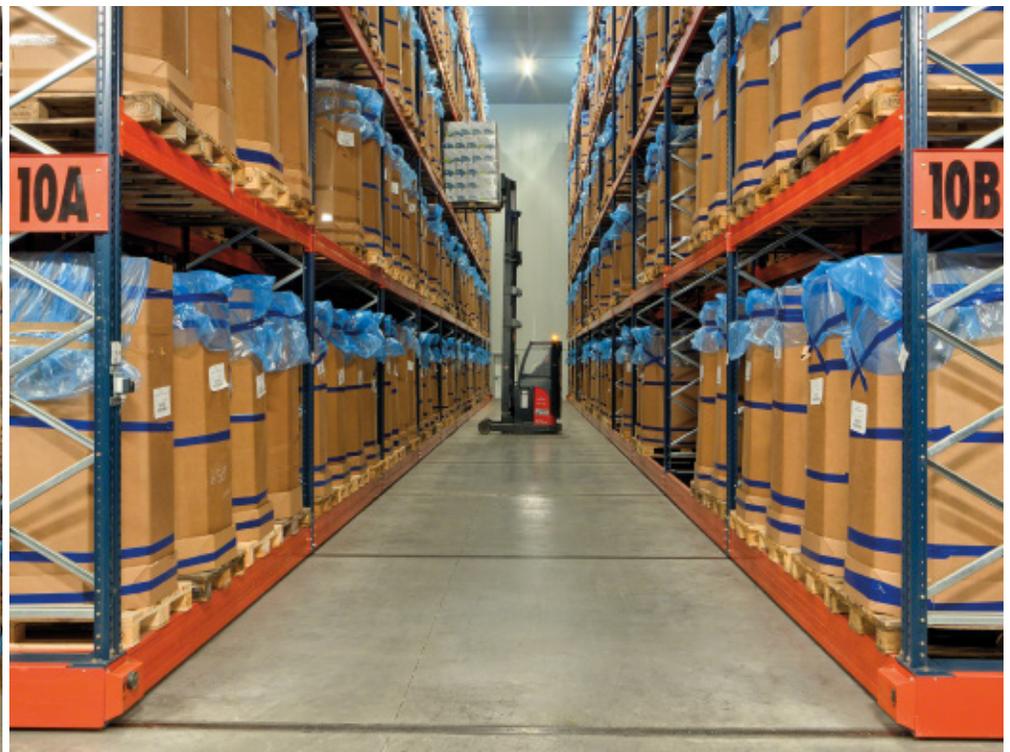
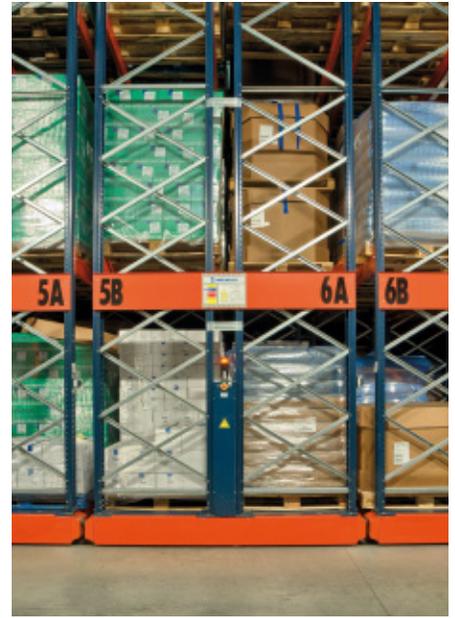
This high-density storage system eliminates unnecessary aisles, while facilitating direct access to SKUs.

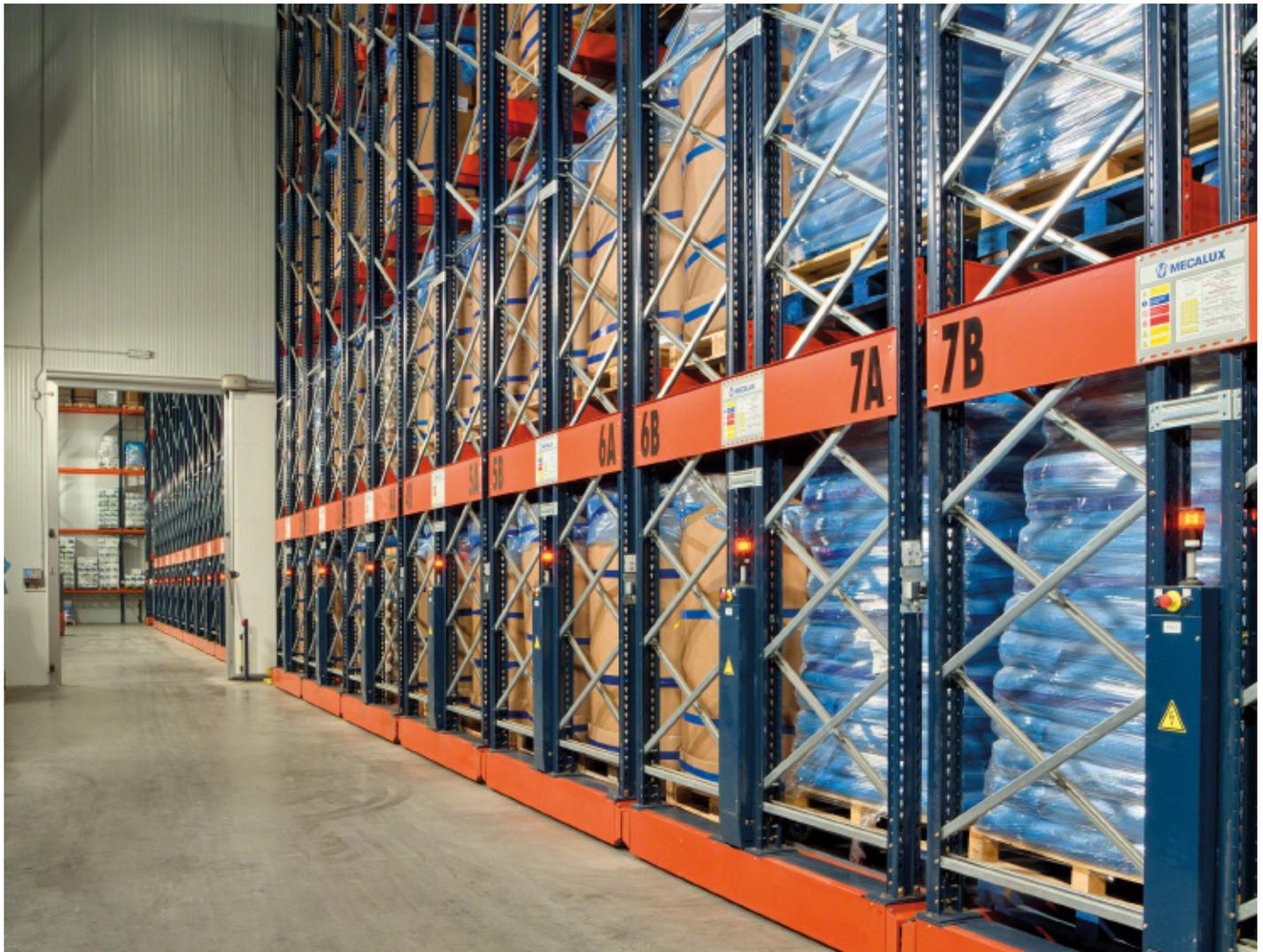
Racks are placed on mobile bases that move both laterally and independently. The operator uses a remote-control device to open the required aisle, and to extract or deposit the goods.





The Movirack system is ideal in maximizing 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 32,292 ft² 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	1.1 t
No. of racks	22
Rack height	33'
Rack length	125'

