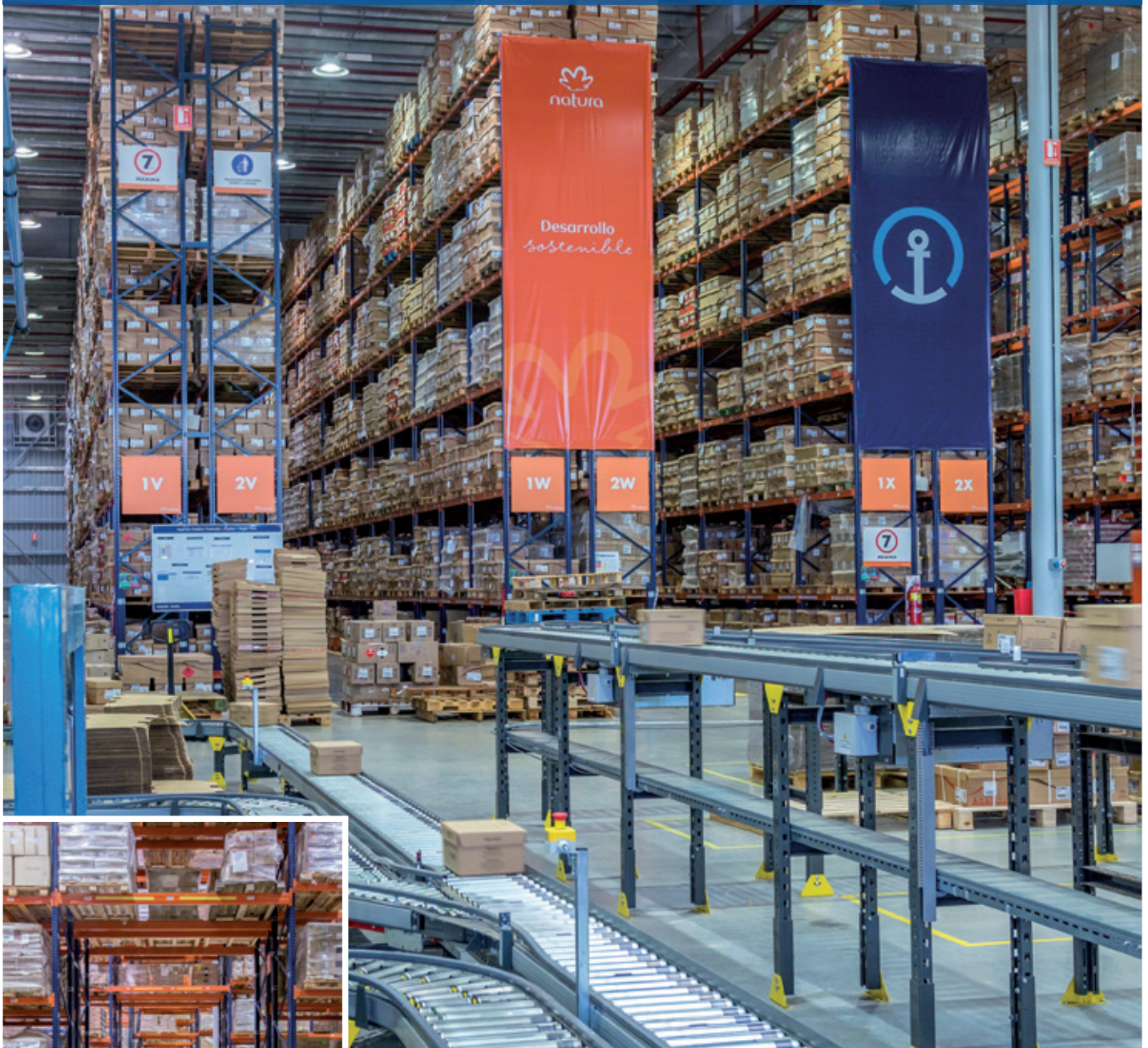




Case study: Natura Cosméticos

Capacity and speed in the Natura Cosméticos warehouse

Location: Argentina



Mecalux has supplied Natura Cosméticos with 26' high selective pallet racks where more than 18,000 pallets are stored. In this solution, the cosmetics manufacturer and distributor has increased both the storage capacity and the efficiency of its Tortuguitas (Buenos Aires) warehouse.

About Natura Cosméticos

Natura Cosméticos is a beauty and personal care product manufacturer and distributor in Brazil. The company, created in 1969, does business in seven South American countries and in France, as of 2011.

In Brazil, it is the industry leader in the cosmetics, perfume and personal care market, as well as in the direct sale sector. In 2004, Natura Cosméticos became a public company listed on the São Paulo stock exchange, the most prominent in Latin America.

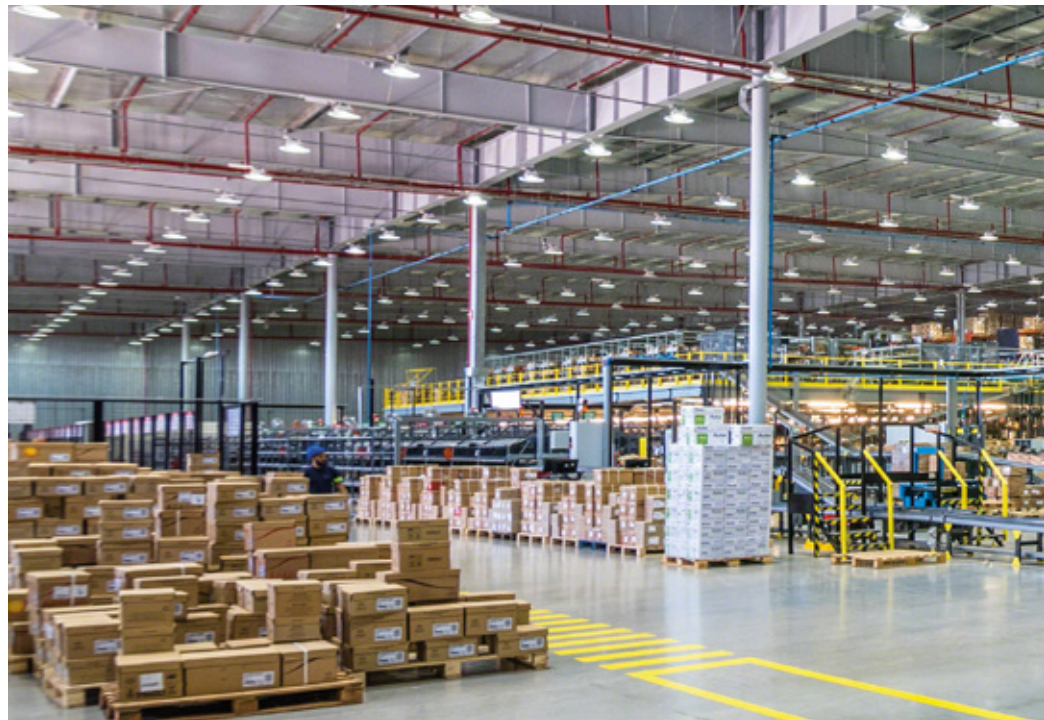
Its business promotes and supports eco-friendly initiatives, using natural ingredients in products and fighting against greenhouse gas emissions.

Selective pallet racking solutions

The company needed a storage system that would allow a more dynamic management of a significant amount of pallets and, also, direct picking off pallets.

The installed racks offer direct access to the stored goods, which make it an optimal solution for the needs of Natura Cosméticos. Plus, this system adapts to any unit load, regardless of its size.

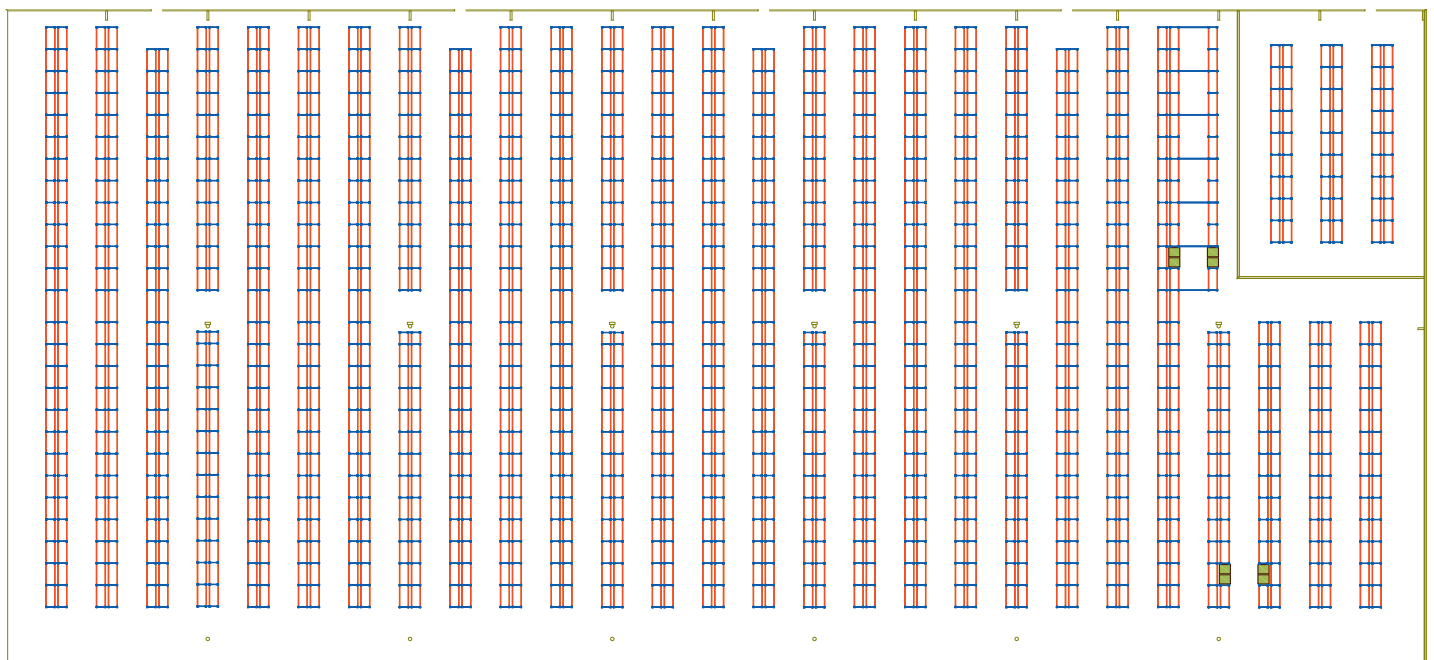
The warehouse, with a capacity for 18,176 pallets of 39" x 48" and a maximum weight of 1.1 t each, consists of aisles with 207' long pallet racks.

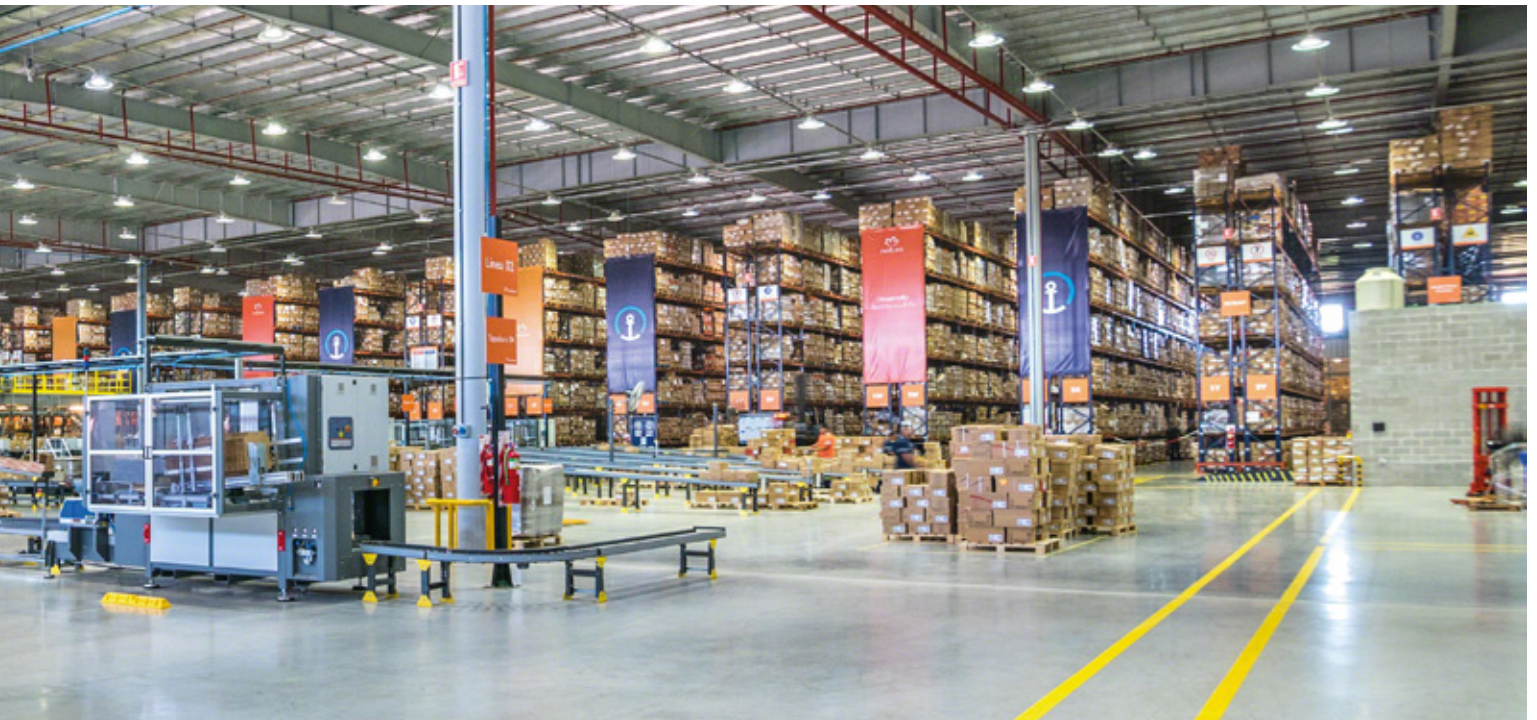


Faster management of the stock stored by Natura Cosméticos is made possible by the selective pallet racking system

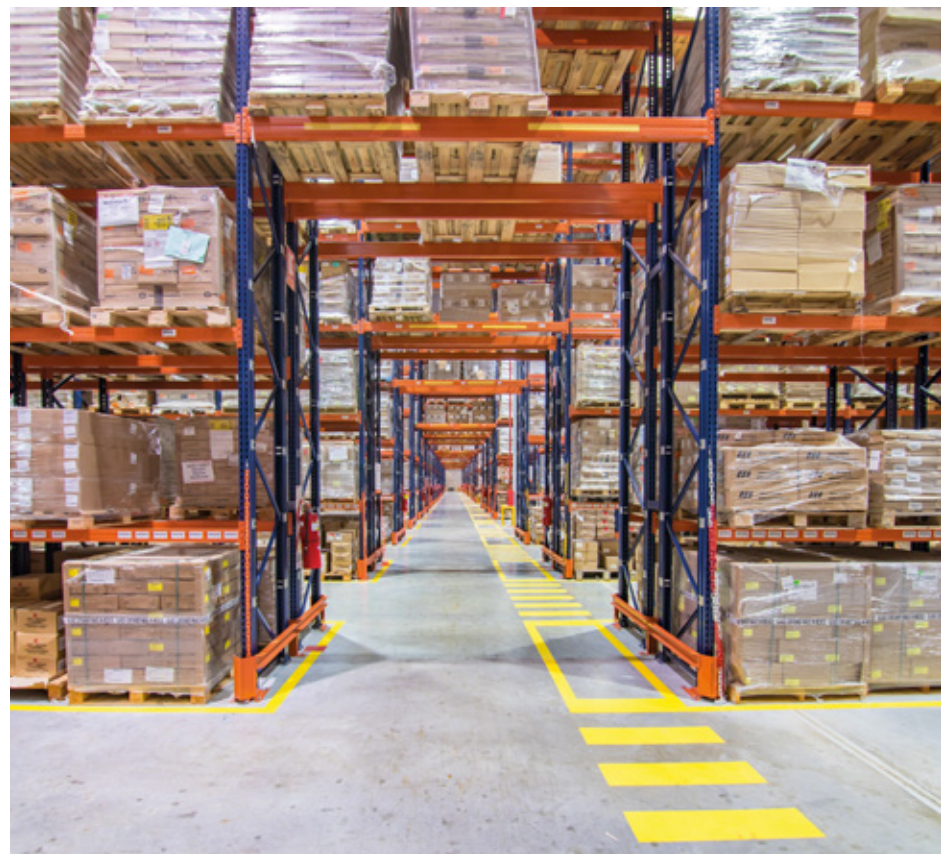
The 31' high racks contain seven storage levels, with the first level on the ground floor. Operators work using reach trucks to insert and extract the goods in the racking.

For greater safety, protectors are placed on all rack struts and frames that coincide with the bay ends and the inner passageway. All this is meant to minimize blows to the racks by the handling equipment during unit load maneuvering.





An underpass cuts across the racks and facilitates workflows. The operator's movements are optimized, besides it serving as an emergency exit





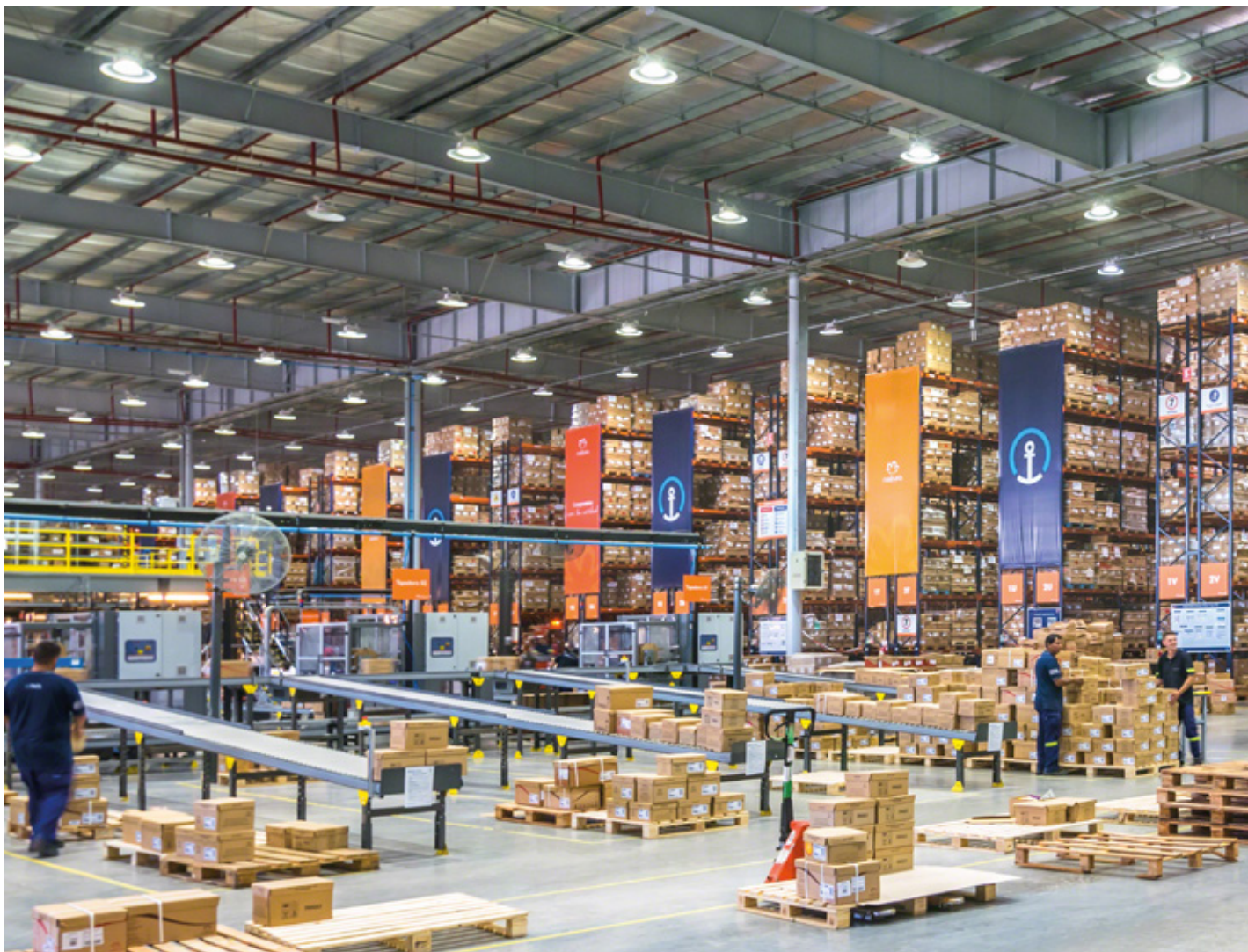
Picking from pallet racks

Box picking is carried out directly from the pallets, located on lower rack levels. Upper spaces store palletized reserves of each product.

Between the racks and the loading docks, a spacious reception and dispatch area has been arranged. It includes a preloads area on the floor and a conveyor circuit where it is possible to consolidate and sort orders corresponding to the same company, shipping route or external transport vehicle.

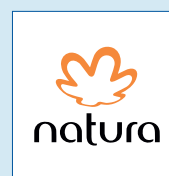
Orders are prepared before the truck is loaded to cut wait times for outgoing warehouse goods.





Advantages for Natura Cosméticos

- **High storage capacity:** Natura Cosméticos can store more than 18,000 pallets of 39" x 48" in the selective pallet racks.
- **Logistics simplicity:** the installed solution increases the speeds of operators moving inside the warehouse.
- **Full use of space:** the Natura Cosméticos warehouse uses the available space intelligently, making the most of each square foot with operations that contribute to a higher installation throughput.



Technical data

Storage capacity	18,176 pallets
Pallet size	39" x 48"
Max. pallet weight	1.1 t
Rack height	31'
Max. rack length	207'

