

Advanced sorting solution for NACEX in Spain

Customer: NACEX



The growing demand for courier services, driven by the e-commerce boom, challenged NACEX to significantly increase its shipment capacity. To support this growth, Körber implemented a new classification system capable of processing up to 6,000 items per hour. The solution features intelligent control and sorting logic delivering maximum efficiency, flexibility and service quality - meeting and exceeding customer expectations for speed and reliability.

The customer

NACEX is a leading express delivery company in Spain, Portugal, Andorra and Benelux. Part of the Logista Group, NACEX connects businesses and individuals through fast and reliable courier services. Specialized in urgent B2B and B2C deliveries since 1995, NACEX offers a wide range of national and international services tailored to market needs. With a strong franchise network and advanced technology for real-time tracking and customer communication, NACEX ensures full coverage and high service quality.

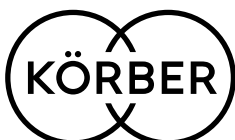
The project

The challenge

At a crucial time, when demand for courier services is rising due to e-commerce and the need for efficient logistics, operational improvements were essential to support NACEX's growth plan. Körber has been the ideal partner for implementing a new classification system, enabling NACEX to increase its shipment capacity per hour.

The solution

The system upgrade significantly improves platform operations, enabling a higher flow of up to 6,000 items per hour. This increase in capacity is complemented by advanced sorting and intelligent parcel recognition, which significantly reduce delays caused by defective or irregular packages. These enhancements ensure smoother processes, greater efficiency and better service quality, meeting and exceeding customer expectations for speed and reliability.



Features and benefits

The new sorting system enables flexible handling of parcels, from one millimeter in height to over a meter in length and from 50 grams to 40 kilograms. This boosts efficiency across warehouse operations. Developed by Körber, the intelligent control and sorting logic identifies parcel characteristics and supports a throughput of over 6,000 parcels per hour.

The platform includes 32 outputs with automatic recirculation and features a five-sided barcode reading system, including the first color scanner installed by NACEX in Porto. These innovations improve performance and responsiveness to customer needs. The system consists of the following key components:

- Double scale for high-precision parcel weighing
- Vertical linear crossbelt sorter for efficient and space-saving sorting
- Four infeed lines enabling a throughput of over 6,000 parcels per hour
- Five-sided and volumetric reading arch for accurate parcel identification and data capture



“We have felt accompanied from the very beginning: From the initial consultancy and advisory phase through design, simulation and assembly. The project has been a great success and having a dedicated team for guidance and advice has been invaluable.”

Edgar Otero

Director of Engineering, NACEX



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