



psb Best Practice

Mayoral

Distribution centre for worldwide store delivery



CREATING YOUR
INTRALOGISTICS

Mayoral

Distribution centre for worldwide store delivery

Mayoral, one of the leading companies for kids fashion in Europe, supplies with the high-performance logistics system provided by psb, its worldwide 9,200 sales points from one single distribution center in Spain.

The major components of the extended integrated intralogistics system are a shuttle warehouse with 18 aisles equipped with 96 *vario.sprinter* shuttles and 16 *rotapick* high performance order picking modules. On 32 levels, 190,000 cartons and totes, of sizes between 600 x 400 and 800 x 600 mm, are stored. In the highbay warehouse, both, article cartons are stored and order cartons are buffered.

At the dynamic *rotapick* systems, the operators pick far more than 1,000 items per hour. The items can be put directly from the source carton into the target carton. At the order picking workstations, 60 source cartons and the same number of target cartons are buffered and made available for the operator in the correct sequence. This means that the articles can be picked in a predefined sequence, eliminating the need for time-consuming re-sorting at the points of sale.

The psb Warehouse Management System *selektron*, which is interfaced to Mayoral's ERP system, organizes the control of the installation and the warehouse management, plus the control of the entire flow of materials.

Thanks to the powerful intralogistics installation, each day up to 1,600 orders can be processed and shipped. In both business seasons, summer and winter, 15,000 different articles have to be entirely exchanged. Each year, Mayoral stores and ships in total 25 million items to 9,200 points of sale in 75 countries across the world. With the highly flexible psb intralogistics system, both, initial allocations with large quantities, and much smaller subsequent deliveries can be handled, with a high degree of economic efficiency.



Customer

mayoral moda infantil SAU
Málaga | E

System

18 aisles equipped with
96 *vario.sprinter* shuttles
and 16 *rotapick* high per-
formance order picking
modules, *selektron* WMS,
selektron SCADA

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