



psb Best Practice

# Mango

## Distribution centre for GOH



CREATING YOUR  
INTRALOGISTICS

# MANGO

## Mango Distribution centre for GOH

### Customer

MANGO - Punto Fa, S.L.  
Palau-solità | ES

### System

High bay warehouse (20 aisles) with *runloader* AS/RS stacker cranes, trolleyless overhead conveyor systems for connecting the functional areas, psb micro trolley system *mtr* for buffering, sorting and sequencing of single items, automated goods-in and goods-out processes.

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MANGO group of Spain is one of the world's leading fashion retailers, with more than 2,000 stores and franchisees as well as a strong online business.

### Design criteria

psb intralogistics implemented for MANGO one of the largest and most modern intralogistics systems in Europe. From that location, the company supplies the stores and the e-commerce distribution center. The DC has the capacity to store 8 million garments on hangers, and to pick and prepare more than 1 million items for shipment daily.

### The solution

The systems solution for this project is completely automated: from goods-in to inhouse material flow and warehousing to sorting/sequencing and preparation for shipment. These processes are complemented by manual operations such as value added services and packaging.

Storage and retrieval are performed by 25 meter high AS/RS stacker cranes type *runloader* in a high-bay warehouse that has a capacity for 8 million parts. Via an intelligent material flow, the psb micro trolley system *mtr* handles the automatic order picking to the packaging stations in the exact sequence. Trolleyless overhead transport systems connect all logistics areas, from goods-in to warehouse and sortation to packaging and dispatch. These processes are controlled by *selektron*, psb's material flow control software.

