



Press Release

Fiorano (MO), January 2017

System Logistics' MOPS® (Modular Order Picking System) conquers the logistics area of the food retail trade: the EcorNaturaSi project

System Logistics will produce a sophisticated **automated picking system** for the prestigious biological and biodynamic product chain EcorNaturaSi, that will be installed in the new logistics platform at Bologna Interporto.

EcorNaturaSi requested a system capable of following the company in its complex growth processes, which must be expansible and flexible, i.e. capable of suiting the needs of a continuously evolving market, and offering a high-level logistics service to customers. Great attention has been paid also to the ROI factor, to strongly improving the working conditions of warehouse operators as well as changing current logistics processes, characterised by unsatisfactory productivity.

Project development phases

The automation project for EcorNaturaSi will be divided into two areas: **General Groceries at room temperature**, and **Dairy and Meat products at controlled temperature (+4°C)**.

The preparation of general groceries will take place in an automatic picking area coordinated by MOPS® (Modular Order Picking System), that handles around 4,500 SKUs and is composed of a package warehouse with 5 miniloads and a dedicated automatic pallet loading and unloading area.

The dairy and meat products (+ 4°C) preparation area handles the flow of packages from vendor pallet deliveries to delivery roll preparation.

The area is composed of triple-depth pallet storage, with two linear shuttles equipped with a Digisat picking unit, and a mixed roll preparation area which handles around 1,000 different SKUs

High throughput codes are handled by PPS (Pick to Pallet System), which provides for manual picking directly from the pallet and automatic pallet resupply by a system of gravity rollerway shuttles.

Highlights

- System integrated management: all departments can dialogue with each other, to optimize the overall goods flow
- Article-targeted handling, based on the rotation class
- As far as hardware is concerned **the true novelties are the automatic single package depalletizing system with integrated vision system** and gripper change for handling a wide variety of packagings **and the roll automatic palletization system**. The solution proposed by System Logistics does not envisage the use of trays and involves a very low number of totes: in other words, with this system the operations that required arranging incoming products into totes have been eliminated (or in any case reduced to a minimum).

The challenges faced

The most demanding challenges that System Logistics had to face for NaturaSi have certainly been, on the one hand, **space optimization** in relation to the high number of SKUs, and on the other hand **targeted use of automation**, always paying attention to improving the working conditions of warehouse operators as well as the ROI factor.

The implementation steps

The works for implementing this automation solution were started in the mid of September, while installation is envisaged for next year spring, with final testing in June and August 2017.

For more information: <http://systemlogistics.com/>

The Company

System Logistics is a global supplier of innovative intralogistics and material handling solutions designed to optimize warehouse supply chains, distribution centres and manufacturing facilities across the world.

Contacts

System Logistics SpA Marketing &
Communications +39 0536 916945
marketing@systemlogistics.com