



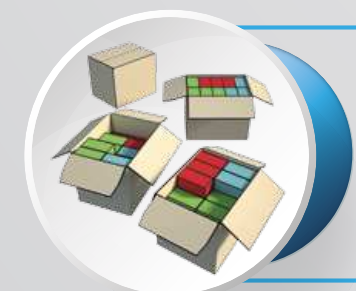
FULL PALLET LOGISTICS
(Single Code)



MIXED LAYER PALLET
LOGISTICS



MIXED CASE
PALLETIZING



SINGLE - BOXES
LOGISTICS

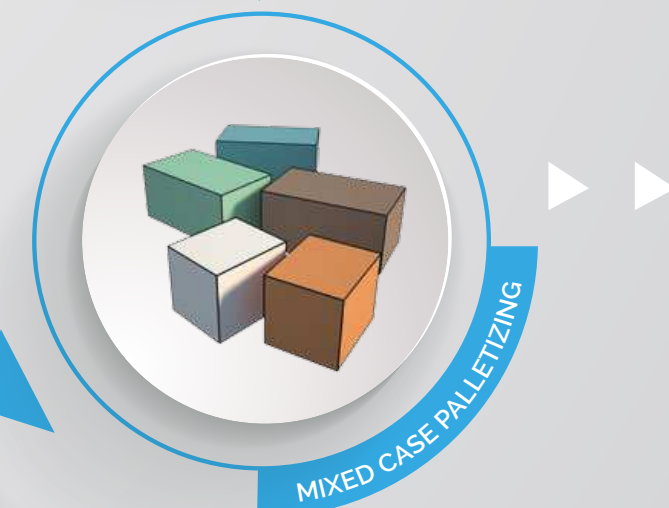
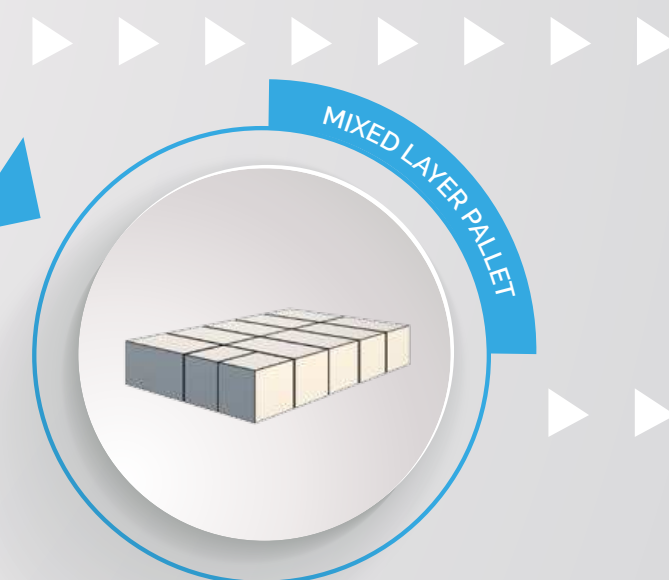
smartlog
advanced automation for logistics

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smartlog
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A SMART WAY FOR YOUR
SHIPMENT ORDER PREPARATION



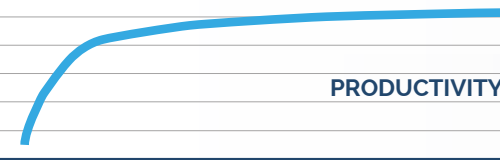
A SMART WAY FOR YOUR SHIPMENT ORDER PREPARATION

In the supply chain we are facing a growing demand for order processing through picking.

We are moving more and more from full pallet logistics (single code) to:

- MIXED LAYER PALLET logistics
- MIXED PACKAGING logistics
- SINGLE-BOXES logistics

Order Picking is normally the most intensive task in a warehouse. It has been found, anyway, that Manual Order Picking increases clashes with physical limits of workplace space and ergonomics regulations. Increasing the manpower is not the solution: there is a risk of obtaining limited improvements at the cost of very high efforts and the process optimization curve tends to flatten.



The goal of **SMARTLOG** is the implementation of technologically advanced solutions to think out of the box, automate the process of picking and preparing shipping units.

OUR FOCUS

We develop **STANDARD MODULES** to be integrated in complete projects and configured according to the specific needs of the customer.

This creates solutions that are **tailor-made but based on single, widely tested elements**.

The integration of our systems into these automated logistic processes leads to many advantages in terms of **performance** and **efficiency** and allows significant **savings** on workforce and structures, with quite interesting return on investment times.



FULL PALLET LOGISTICS (Single Code)

Traditional pallet warehouse with stacker crane
Multi depth pallet buffers with satellite
Pallet warehouses for frozen environment
Self powered shuttles on monorail



MIXED LAYER PALLET LOGISTICS

Depalletizing robotic cells
Pallets and/or trays buffer
Palletizing robotic cells



MIXED CASE PALLETIZING

Semiautomatic mixed palletizing cells with or without wrapping
Palletizing robotic cells
Ventilation skid on pallet and roll container



SINGLE - BOXES LOGISTICS

Robotic cells Robopick
Miniload on Shuttle systems
Miniload Sequencers systems with bottom pick
Goods-to-man order preparation systems
Miniload systems



Example of Integrated System
SMARTLOG
Palletizing Robot
Mixed Case Palletizer
SL-MCP



Line installed in operation for
Rainbow and MCP
pallet preparation



Example of Palletizing Robot
Mixed Case Palletizer
SL-MCP

Reduction in picking manpower costs

Reduction of handling costs

Important reduction of palletization labor costs

Footprint reduction

Minimization of typical errors in order preparation

SMARTLOG PLUS

Shorter delivery time

Simpler operations

Punctuality and completeness of order fulfillment

Logistic process flexibility

Improvement of customer service

Great flexibility in acquiring new customers

LOGISTICS COSTS REDUCTION

MAXIMIZING LOGISTICS PERFORMANCES