

BODYBELL EFFICIENCY IN GOODS DISTRIBUTION

**MASSIVE RETRIEVALS CONTROLLED BY THE SOFTWARE,
TO SIMULTANEOUSLY PROCESS MORE ORDERS**



Bodybell is a leader distributor of perfumery, in Spain. The company distributes to more than 150 shops located all over the Spanish territory. Its continuous growth has determined the need to automate their new distribution warehouse. The goal of this project was the simultaneous preparation of several orders and the whole performance increase.

The SW aggregates the lines of all the orders to be simultaneously processed (i.e. the ones present on the order preparation table) and activates the picking in a massive way, tray by tray.

The chosen solution allows to "guide" the operator both during the picking phase and during the goods distribution to the opened orders.

The solution includes:

**N. 4 Machines MOD. SPAZIO 1 - N. 2 Machines MOD. SPAZIO M2
N. 2 Order preparation tables, each one with 10 positions. - N. 1 Central Control Cabinet.**

The obtained results are:

- Increase of the "PICKING" performances (n. of processed lines) : + 60%
- Reduction of the personnel costs: - 50%
- Reduction of the mistake percentage (thank to the visual guide) - 30%

WAREHOUSE MODEL	Automated Vertical Warehouses
DIMENSIONS AND FEATURES	4 m/c : 2.750 x 3.000 x h. 9.000 mm 2 m/c : 5.054 x 3.000 x h. 10.950 mm. With single or double bays for the storage/retrieval
TRAY TYPE AND QUANTITY	n. 500 trays 2100x800 mm – 250 kg./each
AVAILABLE STORAGE SURFACE	840 m ²
SURFACE OCCUPIED BY THE VERTICAL WAREHOUSE	63,2 m ²
SURFACE PREVIOUSLY OCCUPIED BY THE TRADITIONAL WAREHOUSE	100 m ²
TYPE OF THE STORED ARTICLES	Finished products
WORKING SHIFTS/DAY	2
N. OF OPERATORS/SHIFT	4
TYPE OF CUSTOMERS	Wholesalers and retailers
AVERAGE TIME FOR ORDER HANDLING	4 hours
TYPE OF SHIPPING PACKAGE	Various
DAILY MOVEMENTS (INFEED; OUTFEED)	Lines (2500; 3000)
OPERATION MANAGEMENT	Company HOST
GOODS IDENTIFICATION SYSTEM	Barcode