

STEMA

A HUGE QUANTITY OF DIFFERENT ARTICLES

Easy and Quick availability allow for efficiency improvement



Stema produces equipment, **machines and parts of machines, for the wood, plastic and glass processing** and supplies all the relevant services such as engineering, drawings, supervision to the construction, installation, commissioning and technical assistance. The continuous growth of the Company evidenced the necessity to recover spaces and to improve the efficiency in the component handling.

The chosen solution has been the installation of a Vertical Automated Warehouse with trays, supplied by **Zmagazzini**, which allowed to recover the 70% of the area previously occupied by static shelves.

The managing software allowed to have a higher control on the materials and therefore a prompt tracking of the articles. The picking operation has been sped up by almost the 50% which brought to a considerable efficiency improvement.

WAREHOUSE MODEL	Automated Vertical Warehouse mod. Spazio 1
DIMENSIONS AND FEATURES	3 x 3,8 x h8,5 m with single bay for storage/retrieval.
TRAY TYPE AND QUANTITY	n. 70 trays 3100x800 mm – 500 kg./each
AVAILABLE STORAGE SURFACE	170 m ²
SURFACE OCCUPIED BY THE VERTICAL WAREHOUSE	11,4 m ²
SURFACE PREVIOUSLY OCCUPIED BY THE TRADITIONAL WAREHOUSE	40 m ²
TYPE OF THE STORED ARTICLES	Semiprocessed/components
WORKING SHIFTS/DAY	1
N. OF OPERATORS/SHIFT	1
TYPE OF CUSTOMERS	Industrial companies
AVERAGE TIME FOR ORDER HANDLING	8 hours
TYPE OF SHIPPING PACKAGE	cartons
DAILY MOVEMENTS (INFEED; OUTFEED)	righe (50; 250)
OPERATION MANAGEMENT	Company HOST
GOODS IDENTIFICATION SYSTEM	Barcode
SYSTEMS FOR DATA TRANSMISSION TO THE OPERATORS	Fixed terminal stations