



BIBITECH SPA - AUTOMATIC VERTICAL STORAGE SYSTEMS

The automatic vertical storage systems in the plastic industry

Bibitech, a company with extensive experience in the plastic moulding sector, thanks to the installation of [Vertimag](#) automatic vertical storage systems has not only reduced its warehouse space, but also improved management of the moulds used to manufacture its range of products

CUSTOMER

Bibitech spa

WHERE

Montecchio Maggiore

SOLUTIONS

Vertical lift module Vertimag
Warehouse Management System

Objectives

- Reduce the area used to store the moulds for plastics, making the most of the available height
- Optimise picking times for products in trays
- Reorganise the positioning of goods for better usability and availability when supplying the production line

Solution

- Two Vertimag 84 S 1000-BES vertical storage systems - H = 7.945 mm with single external bay
- 30 trays, H = 150, size 840 mm x 2,450 mm, painted, W = 990 kg
- Integration of the warehouse into the company's operations.
- WMS management software directly connected to the company's ERP.
- Using the external bay, the moulds can be taken out of storage at an ergonomic height and in complete safety, using a jib crane managed by the operator

Value added

- Reduction of storage surface area.
- Shorter mould changeover times during production
- Faster production
- Increased operator safety
- Greater control and protection of stored products

WAREHOUSE IN NUMBERS

Total height of vertical storage system	7.945 mm
External dimensions	3.074 mm x 2.934 mm
Tray dimensions	840 mm x 2.450 mm
Total number of trays	30
Total shelving surface area	61,74mq
Useful storage volume	23,68 m ³
Surface area occupied by the storage system	9,02 mq
Max. storage system load capacity	70.000 kg