



# 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 <sup>3</sup>
Surface area occupied by the storage system	9,02 mq
Max. storage system load capacity	70.000 kg