

FONDERIE SIME - THE VERTICAL LIFT MODULE VERTIMAG

Fonderie Sime - The vertical lift module Vertimag for a 4.0 logistics reorganization

Fonderie Sime invests in Industry 4.0 technology and the Ferretto's automatic vertical lift module Vertimag interconnects all departments while ensuring better management of after sales services.

Located in Legnago, in the province of Verona, Fonderia Sime has been a leading manufacturer of boilers for civil use since 1972, responding to climatization needs through a certified industrial organization which regulates all product and services innovation processes with respect for both the environment and people. The company markets its products through a widespread network of resellers distributed throughout Italy.

CUSTOMER
Fonderie Sime

WHERE
Legnago (VR)

SOLUTIONS
Vertical lift module Vertimag
Warehouse Management System

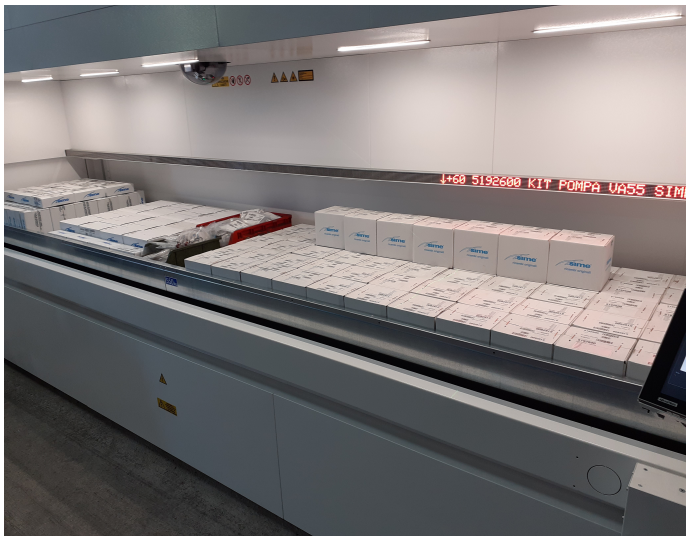


Corporate reorganization for better customer service

In order to better serve its sales network, Sime decided to take a significant step forward in its logistics structure and in the management and preparation of orders. In fact, Sime invested in automation by taking advantage of the tax incentives provided for by the Industry 4.0 plan so as to revolutionize the management of the spare parts stock for the after sale market.

Increased efficiency, precision and process innovation with Vertimag

Thus Sime chose the Vertimag vertical storage system for its logistical reorganization, shifting from the traditional management of goods on static shelves to fully automated storage and handling. In addition to space optimization - Vertimag provides 128 square meters of storage space with a 14 square meter footprint - the added value of Ferretto solution includes the proprietary software that communicates directly with the corporate ERP: this enables real-time monitoring and management of inventory and a significant reduction in errors. Picking and placing operations are facilitated by the laser pointer and the alphanumeric LED bar: these two important accessories increase the efficiency of the Vertimag vertical storage system by clearly indicating the exact location of the item to be picked or placed, which results in simple, precise and quick order preparation. Additionally, the Ergo-Tech bay ensures optimal ergonomic conditions for operators, even in the case of intensive picking. Vertimag allowed Sime to optimize warehouse space, reduce order preparation time, and improve the traceability of goods. All this while taking advantage of the tax incentive for investments falling under the "Industry 4.0" plan.



Objectives

- Reorganize and optimize storage space for after-sales spare parts.
- Improve inventory management by increasing controls on products and related inbound and outbound flows.
- Reduce errors.
- Speed up order preparation to better support the reseller network.

Solution

- 1 Vertimag automatic vertical storage system - 84XL550.
- Ergo-Tech picking bay to ensure perfect ergonomics during picking and placing activities.
- Management software interconnected with the corporate ERP from an Industry 4.0 standpoint.

Value added

- The transition from static shelving to a Vertimag automatic storage system has optimized the management of space, making the most of the available height
- Thanks to the Ergo-Tech bay, optimal working conditions are guaranteed for operators
- The accessories supplied speed up order preparation.
- The management software, developed in-house by Ferretto, ensures real-time and traceability of the entire stock thanks to its interconnection with the corporate ERP.

WAREHOUSE IN NUMBERS

Total height of the vertical storage system	7.461mm
External dimensions (D x W)	3.091 mm x 4.755mm
Trays dimensions (D x W)	840 mm x 4.250 mm
Load capacity of trays	550 kg
Total number of trays	36
Total storage area	128,52 m^2
Useful storage volume	7
Storage system footprint	14,7 m^2