

DENSO THERMAL SYSTEMS - VERTICAL LIFT STORAGE MODULES

DENSO Thermal Systems chooses vertical lift storage modules Vertimag once again for flawless order management and highly efficient customer service

The Turin-based company DENSO can now count on four automatic vertical lift storage modules Vertimag supplied by Ferretto Spa. The new systems have allowed a reorganisation of the automotive component storage space and a considerable improvement in order preparation and shipment.

DENSO Thermal Systems is a world leader in the field of automotive thermal systems. This constantly growing company focuses its research and development activities on continuous innovation and pays special attention to the quality of the products and services offered to customers.

The headquarters are located in the province of Turin and occupy an area of 118,500 square metres, housing the General Management and administrative, technical and testing offices, as well as an important production plant and a business unit entirely dedicated to the distribution of automotive components for the Aftermarket.

CUSTOMER
DENSO Thermal Systems

WHERE
Torino

SOLUTIONS
Vertical lift module Vertimag
Warehouse Management System



Process automation for an innovation-oriented and more efficient Aftermarket

Its drive for continuous improvement has led DENSO Thermal Systems to reorganise the spaces and processes of the Aftermarket Business Unit. The company, which already had two Vertimag units, thus decided to add two more Ferretto Spa automatic vertical storage systems to manage the storage of all spare parts and accessories for cars. In addition to the advantages guaranteed by automation and by the vertical extension of this solution, the Ergo-Tech Bay provided for both storage systems represents a further innovation for the Turin-based company: this exclusive Ferretto Spa equipment simplifies work during order preparation, ensuring perfect ergonomics even during intense picking.

Several accessories for precise and error-free picking

In order to reduce errors and make order preparation easier for operators, the storage systems are equipped with an alphanumeric LED bar and a laser pointer. In this way, guided by the light indications, the staff in charge of shipping spare parts to customers can now identify exactly the required items and the corresponding quantities to be picked. Thanks to the sliding console, the PC is always within reach of the operator, who thus finds picking much easier. These accessories thus make it possible to eliminate errors, to speed up the processing of lists and to guarantee precise and just-in-time customer service.





With Vertimag, DENSO recovered 90% of the available space

The vertical extension of the Vertimag storage systems is also an important advantage in terms of space organisation. DENSO Thermal Systems has in fact optimized the use of space: by exploiting the available height, the storage systems provide a useful storage area of 200 square metres while occupying only 19 square metres of floor space.

Objectives

- Optimizing space management in the Aftermarket Division
- Automating order preparation processes
- Offering customers efficient, quick and precise services

Solution

- 2 Vertimag vertical storage system for spare parts management in the Aftermarket Division
- Warehouse management software developed by Ferretto Spa and interconnected to the company's ERP

Value added

- Improved management of the space dedicated to automotive components
- Faster, more precise and more efficient customer service
- Fewer errors during order preparation
- Real-time stock management
- Maximum ergonomics for operators

WAREHOUSE IN NUMBERS

1 Vertimag vertical storage system 65M550	
External dimensions	2.521 mm x 3.552 mm
Tray dimensions	650 mm x 3.050 mm
Tray capacity	550kg
Total number of trays	45
Total shelving surface area	89 m2
Surface area occupied by the storage system	9 m2

1 vertical storage system Vertimag 65L550	
External dimensions	2.521 mm x 4.152 mm
Tray dimensions	650 mm x 3.650mm
Tray capacity	550kg
Total number of trays	45
Total shelving surface area	107 m2
Surface area occupied by the storage system	10 m2