Modula
for the automotive sector
The intelligent solution for automotive dealerships & manufacturing

RECOVER SPACE
INCREASE SECURITY
SAVE TIME
IMPROVE EFFICIENCY
REDUCE RISKS
BOOST INVENTORY MANAGEMENT

OUR PRODUCTS ARE
MADE IN USA
From US & Imported Components

www.modula.com
What can you do with a vertical warehouse in the automotive industry?

With Modula automatic vertical warehouses you can:
• Manage inventory in your dealership’s parts department, service center and manufacturing facilities, saving up to 90% of floor space compared to traditional storage systems.
• Store parts in one physical location, where everything is tracked so knowing your stock levels or doing reorders is quick and easy.
• Improve efficiency and achieve higher overall profit margins.

You can stock any kind of product in an automatic vertical warehouse; from spare parts to accessories, from tools to mechanical components, from nuts and bolts all the way to very large/heavy items such as motors. Everything is stored ergonomically and within easy reach of your operators, without racks, shelves, mezzanines or ladders. Modula offers various types of vertical warehouses, with different sizes, heights, volumes, options, bay types and tray configurations.

**Possible uses**

**Buffer storage for parts or components** needing to be stored for a certain amount of time before being moved on to subsequent production phases. Once stored, the items are then retrieved by operators or by anthropomorphous robots which place them back into the production line.

**Emergency buffer storage**: should a production phase upstream of the Modula come to a halt, materials are pulled directly from the warehouse to keep the production process flowing. If the problem is downstream, what has been produced so far can be stored and the Modula system gets filled with semi-finished products.

**Dual front and rear loading with opposed bays**: logistics operators load ready materials on one side and assembly or production technicians unload them from the opposed bay.

Easy integration into robots & production lines for manufacturing

Vertical warehouses can also integrate perfectly into manufacturing robots and production lines. They actually contribute to achieving high levels of automation particularly in combination with robotic systems.
Quick turnaround with all parts in a small footprint

What volume of orders can your parts department generate? How important is throughput when locating components? An efficient parts department definitely increases performance and profitability in your dealership!
With Modula units, parts are stored in a single clean, secure and easy-to-access location.

Even more accurate picking

To make your picking activities even more accurate and reduce picking and refilling times, Modula offers visual aids and automatic barcode reader devices for completely wireless goods tracking.
With tools like our LED or alphanumeric bar or laser pointer, the product is pinpointed and the operator is guided straight to it.

Safe and Ergonomic

With one click, the required product is automatically delivered to the operator, at the optimal working height. This considerably improves the picking operations and dramatically reduces the order lead time.

Your parts within easy reach and a 100% safe working area

A Modula warehouse allows you to maximize your productivity and ergonomics by bringing parts to the operator within easy reach.
All storage solutions are designed to improve workplace ergonomics and safety.
No more bending, reaching, lifting heavy parts and walking up & down mezzanine steps or shelving aisles.

Intelligent Storage

Parts will no longer be limited to one fixed area and this will provide greater flexibility in your materials management

Monitored Access, More Security

Direct control over who is accessing which trays and particular stock items

Invoices and Inventory with One Click

Extremely simple invoicing linked directly to picked orders, inventory and storage always under your control

Less Paperwork, More Efficiency

Fewer paper picking lists, less printing, digital documentation

Automotive Dealerships

Before Modula

with Modula

Floor space recovery

up to 90%

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The advantage of the Dealer Management System (DMS) integration

Modula units have the potential to interface to any Dealer Management Systems (DMS), allowing orders to be sent directly & automatically from the DMS to VLM units.

**MODULA WMS-AUTOMOTIVE**

This module adds the following important software functionality in addition to the MODULA WMS – BASE software module:

- An automatic data exchange with a client’s Dealer Management System (DMS)
- Current data exchange partners utilizing the Automotive Package include: CDK Global, Reynolds & Reynolds, Dealertrack Technologies and Karmak

**DMS Integration Benefits**

- Approved DMS interface provides seamless order processing in real-time.
- No code is modified or installed in your DMS, avoiding potential reliability, security and data integrity problems.
- DMS integration saves you time & increases accuracy when using Modula WMS software.
- Modula receives advance notification of changes to the DMS, providing uninterrupted performance and less chance of disruption to your business.

Modula WMS is a warehouse management software system which was created to operate the Modula units. It interfaces easily with many DMS and ERP systems, making administration, invoicing, production orders, customer orders and picking operations much easier and quicker. Integration with these systems provides various advantages; immediate detection of any human errors, reduction in paperwork, and real-time control over warehouse operations and despatching. Using ABC cycle analysis, it’s even easier to identify an item’s rotation factor. The result of combining a series of parameters will help determine each product’s ideal location, significantly increasing efficiency during the picking phase.

**Copilot Operator Console**

The Copilot Console is a robust operator interface which includes a 10.5” touch screen color display and an extremely easy and user-friendly environment.

The graphic visualization of the tray layout shows the user clearly where and what to select, and displays all requested information relating to picking or refilling operations, such as item code, quantity, item notes, etc.

Display of item code and description
Item location clearly visible to operator
Easy picking confirmation

**Modula AUTOMOTIVE**

More than just accurate

What is Modula WMS?
Modula is present in 5 continents with dealers and branches located in over 50 countries.

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