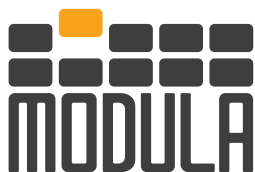




SOLUTIONS for
any **APPLICATION**



modula.com

VERTICAL SOLUTIONS

MODULA HAS A SOLUTION FOR ALL YOUR NEEDS

Vertical automatic storage systems for picking and storing materials of any weight and size, for any sector.

- From 1.6 m depth
- Up to 16 m height
- Tray capacity up to 990 kg
- Different types of operator bays
- Tray widths from 1,300 to 4,100 mm
- Tray depths 420 - 654 - 857 - 1,257 mm

LIFT



Height, depth, load capacity, type and number of bays as well as tray width can be selected to obtain a customized configuration of the system

SLIM



Depth
1,600 mm



FLEXIBILITY



TIME SAVINGS



SPACE SAVINGS

SPECIAL APPLICATIONS

To meet even the most specific needs, Modula has developed some **special versions** of its storage systems.

- Insulated storage system to guarantee controlled temperature/humidity conditions
- Storage systems for clean rooms
- Storage systems equipped with fire-extinguishing system.

Electronics, plastics, food & beverage and retail are just some of the sectors that can take advantage of these new solutions.



MODULA CLIMATE CONTROL CONTROLLED TEMPERATURE AND HUMIDITY

Temperature range from +2°C to +25°C ($\pm 1^\circ\text{C}$) with controlled relative humidity $\geq 5\%$

MODULA CLEAN ROOM CLEAN ROOM

From ISO6 to ISO8 according to ISO14644-1:2016



MODULA FIRE FIGHTING FIRE PREVENTION SYSTEM

Condensed aerosol fire suppression systems using potassium carbonate salts



**SPECIALLY DEVELOPED
SOFTWARE APPLICATIONS**



**ERGONOMICS AND
OPERATOR SAFETY**



FAST ROI



**FEWER
ERRORS**

ROBOTIC INTEGRATIONS

Efficient storage and material handling, picking and refilling, all managed by a simple and intuitive warehouse management software are some of the goals of modern intralogistics management.

Many of these operations can now be automated, as a result of **the integrated use of Modula automatic solutions with autonomous mobile robots or anthropomorphic robots.**

Innovation in technology means these machines are becoming more and more important and essential within warehouse logistics operations.

Modula integrates with AMRs or cobots in different contexts and applications.

- Safety and ergonomics.
- Modularity and scalability.
- Quick to install.
- Flexibility.
- Native software integration.
- Precision.



PICKING SOLUTIONS

IMPROVE PRODUCTIVITY

Vertical storage systems and horizontal carousels are **particularly flexible and modular storage solutions.**

PUT TO LIGHT

Put to Light solutions are **the best option for order preparation when a fast, intuitive, scalable and error-free process is needed.**



- 7-color validation button
- 128x32 pixels OLED display
- Aluminum support structure

PICKING STATION (PUT WALL)

A **picking station is a fixed, all inclusive and modular put-wall with various customer order locations.**



- Integrated Put to Light system
- Put to Light system for up to 3 shelves
- Modular design

PICKING CART

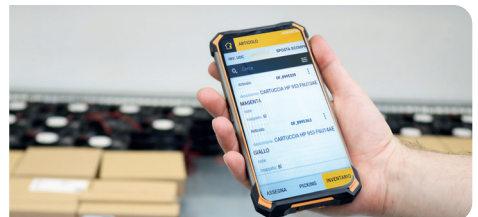
A **picking cart is a mobile, all inclusive and modular station, equipped with several order-picking positions.**



- Manual or automatic transport
- Integrated Put to Light system
- Put to Light system for up to 3 shelves
- Built-in Wi-Fi

MOBILE PICKING APP

The new APP for Android devices provides maximum mobility for operations with all manual storage systems managed through Modula WMS.



THE VLM SOLUTION THAT WORKS LIKE A VENDING MACHINE

Defined access to a single compartment where the product required is stored.

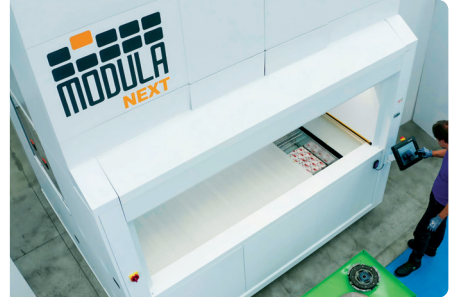
1. 100% ACCURATE PICKING
2. 100% TRACKED PICKING
3. DEDICATED PICKING

A movable window system only provides access to the tray compartment containing the item to be picked according to the order of picking.



Ideal applications of Modula Next

- Handling of high value-added products.
- Kit handling and picking.
- PPE handling and picking.
- Critical spare parts and components.
- Maintenance, repair and operations (MRO) management.
- Tool management.
- Retailers or manufacturing departments.
- Handling of delicate products.
- Consignment stock.



Size of the picking window
(from 100x100 mm to 2,500x654 mm)
configurable via WMS Software

W!

WITH MODULA, YOU CAN NOW ALSO STORE PALLETS!

To handle dozens of pallets or a few hundred of them, there is a warehouse that is safe, ergonomic, quick to install and easy to use: Modula Pallet.

The automated storage solution for Euro pallets (1200 x 800 mm):

- offers pallet storage to free up floor space by exploiting the full height of the warehouse
- makes it possible to move pallets off the floor without a forklift
- acts as a buffer in receiving and shipping for temporary storage of incoming or outgoing goods.



Even so, standard trays for bulk material can be used with Modula Pallet. The delivery baybay measures the incoming pallet by checking its weight and height.

Based on the measurements, the system identifies the most suitable position from all those available in the warehouse.

- Safe, ergonomic, with loading from the floor.
- Can be integrated with other technologies such as AMRs, AGVs and roller conveyors.
- Modular, in that it offers mixed storage even with a lift bay and opposing pallet bays.
- It provides multiple picking points and material loading, and enables piece picking.



VERTICAL SOLUTIONS

HORIZONTAL CAROUSEL

Horizontal automatic storage system for picking and storing small and medium-size materials.

- Fast picking
- Easy-to-install even in facilities with low ceilings (3 m)
- Length up to 50 m
- Up to 4 carousels per pod.



MODULA WAREHOUSE SOFTWARE

Software capable of managing Modula storage systems with high efficiency to obtain the best performance.

- Manual and automatic storage system management.
- Inventory management.
- Optimization of **picking and placing orders**.
- **Interface with ERP and DMS software.**



MODULA WMS BASE

Basic version of our WMS, designed for those who want to manage their Modula system efficiently but **do not need to connect it to the company's ERP** and to use special additional functions.



MODULA WMS PREMIUM

A complete package that can be **expanded and integrated even with the company's ERP systems.**



MODULA DRIVER



MODULA LINK

These two software packages can be used by companies who already **have a WMS and want to connect it to the Modula**, so as to manage all activities with the same system, **without having to change their own management software.**



OPTIMISATION



ERP
INTEGRATION



SAVES TIME



CONFIGURABILITY



CONTROL
AND EFFICIENCY

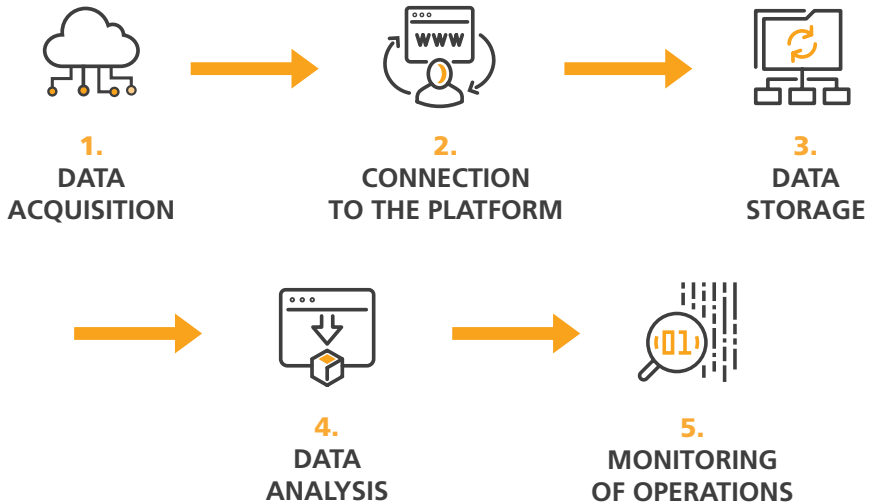
MODULA CLOUD

YOUR MODULA SYSTEMS SMARTLY LINKED

Modula Cloud is the portal where all information relating to storage system activities is available and accessible through the internet:



- System master data.
- Storage system status (online - offline - error).
- Consumption.
- Machine parameters (weight - volume - surface area).
- Work cycles.
- Maintenance.
- Support tickets.
- System logs and much more.



360° SERVICES

A WIDE RANGE OF SERVICES

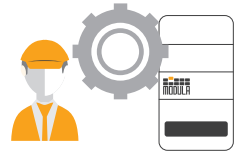
Our team of **specialist technicians** support **companies** throughout each **phase of the process of optimizing their warehouse**, from the design phase through to implementation, offering high-quality 360° support.



TELEPHONE SUPPORT
Hardware and Software



**REMOTE ASSISTANCE
THROUGH TEAMVIEWER**



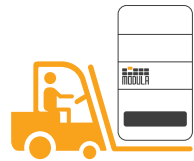
**OPTIONS AND
SPARE PARTS KITS**



**ON-SITE
MAINTENANCE**



**PREVENTIVE
MAINTENANCE**



**MODIFICATIONS
AND RELOCATION**



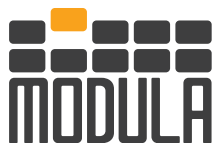
**AFTER-SALES
CONSULTATION**



**UPGRADES, UPDATES AND
SOFTWARE CONSULTING**



TRAINING



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