


MODULA
NEXT



Modula NEXT

Think Vertical, Think Modula

THE NEW GENERATION OF VLM


MODULA

YOU CAN'T AFFORD PICKING ERRORS IN YOUR BUSINESS?



DO YOU STRIVE TO ACHIEVE 100% ACCURATE PICKING?

If you can't afford to make critical picking errors, the problem is solved. With **Modula NEXT** there will be no more errors, even with similar pieces. **ACCURATE PICKING** and **DEDICATED** access points. No room for error.



DO YOU STRIVE TO ACHIEVE 100% TRACKED PICKING?

With **Modula NEXT** every picking or deposit job is **TRACKED** in a unique and secure manner. The right piece to the right person. Access to what you need, when you need it.



WITH MODULA NEXT

- **MORE SPACE**
- **FASTER PICKING**
- **IMPROVED OPERATOR ERGONOMICS**

A mobile window system provides access to the tray only where it is needed.



WHO DID WE DESIGN IT FOR?

For all applications where accuracy and safety are key elements.

• **SPARE PARTS AND CRITICAL COMPONENTS**

In the **Automotive, Aerospace or Defense** world where incorrect picking can not only be dangerous, but easy to do with so many similar parts, making it easy for picking errors occur.

- **MRO (MAINTENANCE, REPAIR AND OPERATIONS MANAGEMENT)** where inventory management is key to avoiding downtime or interruptions.

- **POINTS OF SALE OR PRODUCTION DEPARTMENTS** managing valuable products to conceal them from prying eyes and indiscreet hands.

- **MANAGEMENT OF DELICATE PRODUCTS** for example in the **healthcare, pharmaceutical and electronic sectors**, where the attention paid to each individual piece guarantees its effectiveness.

- **IN ANY APPLICATION** where picking must be accurate, defined, unique and **without margin for error**.

DO YOU WANT PERFECT MANAGEMENT OF CONSIGNMENT STOCK?

IT THINKS LIKE A VENDING MACHINE, WORKS LIKE A LIFT.



WOULD YOU LIKE YOUR CUSTOMERS TO ONLY PURCHASE YOUR PRODUCTS? PUT YOUR MODULA NEXT ON THEIR PLANT.

We designed **Modula NEXT** as an industrial vending machine that picks spare parts, tools, items and products on demand in your various departments.



BECOME THE IDEAL PARTNER FOR YOUR CUSTOMERS!

Imagine installing a **Modula NEXT** with your products at your customers' plant facilities that works like a vending machine. All they have to do is select and pick exactly what they need without having to worry about stock management. **Products are picked from a single picking point, constantly monitored and always in stock.**

Manage your **global inventory** with real-time information, based on data collected from VLM installed by customers.

ADVANTAGES FOR YOUR CUSTOMERS	ADVANTAGES FOR YOU
A SINGLE PICKING POINT , so that you only pick what you need when you need it, with no obsolete stock.	MORE SALES OPPORTUNITIES for your brand. You will be faster and more competitive.
FEWER ERRORS and handling of errors or missing products, and no obsolete stock.	PROVIDE A BETTER SERVICE and boost your sales margins.
LESS TIME wasted on orders and reorders: stock levels are defined and constantly measured.	REDUCE MANAGEMENT AND SALES FORCE RESOURCES and costs, and receive fewer service calls.
STOCK AND INVENTORY always monitored in real-time.	POSSIBILITY TO CARRY OUT strategic business analyses of spare parts effectively used by your customers by tracking actual usage.
LESS WASTE on supplier research and analyses.	REDUCE the market position of your competitors.

GIVE A NEW PURCHASING EXPERIENCE TO YOUR CUSTOMERS



- **FEWER ERRORS**
- **FEWER RETURNS**
- **FEWER DELIVERIES**
- **LESS CARBON FOOTPRINT**

IT OPTIMIZES EVERYTHING, EVEN SPACE

Modula NEXT is a Modula Lift which means it uses **vertical space to store materials**.

Compared to a standard VLM, only one product is available per call, with an exclusive picking system, which allows access to only one compartment at a time.

You can load all the products into the Modula NEXT trays (also in one single session) then set the software to **match the picking to the individual compartments**.

Modula NEXT operates just like a vending machine and only allows you to **access the dedicated compartment**, where the requested item is stored.

It guarantees that all items stored inside are secure and under strict and accurate control.

All this results in zero picking errors, real-time inventory control and excellent warehouse management.



SAFETY

Controlled access to individual items stored in a specific compartment of the tray.



MODULAR DESIGN

Modular structures to meet any requirements.



EFFICIENCY

Operators can manage the right item without wasting time and without mistakes.



NON STOP

Continuous Operation 24/7.



FLEXIBILITY

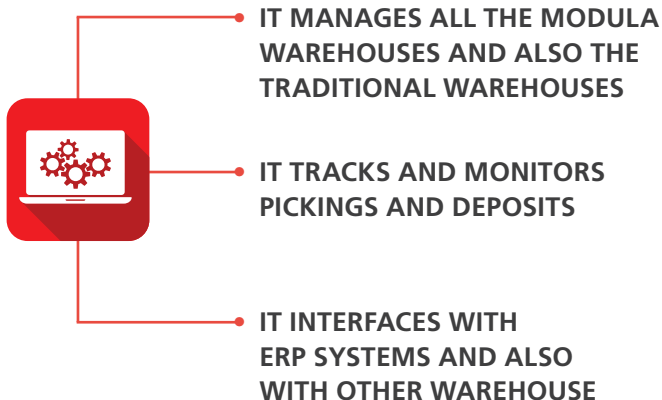
Compartments configurations can be changed in order to fit new needs. They can be mapped from the WMS.



COST SAVING

Improved daily management of operations, constant stock monitoring and savings on restocking time.

MODULA NEXT IS EQUIPPED WITH WMS SOFTWARE



WHAT YOU WANT, WHEN YOU WANT IT

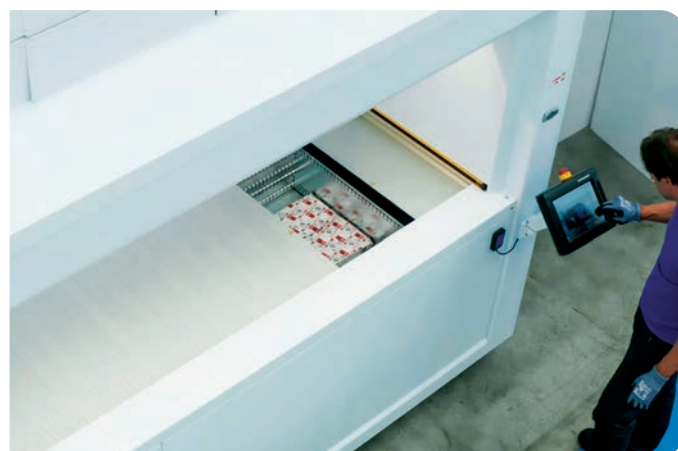
Modula NEXT is based on an automatic mobile window system that opens a previously filled and loaded tray.

Once the code to be picked is called, the warehouse tray arrives in the bay and the mobile window system only opens the desired compartment, providing access to the material inside.

- **NO MORE TIME WASTING IN YOUR PLANT FACILITY.**
- **YOUR OPERATORS SIMPLY HAVE TO PICK WITHOUT SEARCHING.**



- Modula NEXT features the **dynamic vertical loading management**: this allows **maximum optimization of storage density** by eliminating gaps between trays.
- An automatic analysis carried out by the Software WMS, collects information on the use of the trays and over time ensures **improved arrangement** by positioning the **most used trays closer to the bay** for even more efficient picking.



SIZE OF THE PICKING WINDOW
(from 100 x 100 mm to 2,500 x 654 mm)
CONFIGURABLE VIA WMS SOFTWARE



- **NO MORE DELAYS**
IN SEARCHING FOR WHAT YOU NEED
- **NO MORE WAITING**
FOR MISSING STOCK
- **NO MORE**
OVER BUYING

MODELLO **NEXT**



MAXIMUM CAPACITY FOR ALL TRAYS: UP TO 500 KG PER TRAYS



COPILOT INDUSTRIAL OPERATOR CONSOLE: 10.4 INCH TOUCH SCREEN



MODULA WMS SOFTWARE: TO HAVE EVERYTHING UNDER CONTROL



SAFETY FOR OPERATORS: ERGONOMIC AND SAFE

Trays width (mm)	Trays depth (mm)	Maximum height stockable material (cm)	Side heights available	Net capacity per tray (max. kg)	Size of the design (W x D mm)	Size picking window min./max. (mm)
2,500	654	245	70 145 170 195 245	500	2,936 x 2,986	100 x 100 2,500 x 654

IF YOU CHOOSE MODULA NEXT

- A team of specialized technicians will be assigned to the **assembly phase, the electromechanical works and the implementation of the software** according to the agreed design specification.
- You will receive **operator training and dedicated instruction sessions** both during the initial phases and for any subsequent requirements.
- You can have the possibility to **manage and control all the Modula Next settings remotely thanks to our Modula Cloud.**
- Modula has always been dedicated to each individual customer, with **bespoke customer care packages, warranties and replacement parts** that allow you to achieve continuous operations and consistent hardware and software upgrades.
- Our technical support is **always available for special customer care packs**, upgrades and updates.

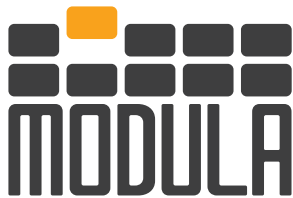
LA
EXT



MODULA WORLD



Modula is present in 5 continents with dealers and branches located in over 50 countries



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