EN

Modula SLIM

Think Vertical, Think Modula

ALL THE BENEFITS OF A VLM IN THE SPACE OF A VERTICAL CAROUSEL

MODULA

THE COMPACT VERTICAL STORAGE SYSTEM, MINIMUM DEPTH, MAXIMUM EFFICIENCY.

Modula Slim is the smart choice for anyone looking for a vertical storage solution with complete flexibility. All the advantages of LIFT technology in:

- **3 m² of floor space**
- **1.6 m depth**

You can store all sorts of materials and products in your Modula Slim: loose materials, containers (boxes, bins, packs, cartons, cases), small items, spare parts, coils, flasks.

WHAT MODULA SLIM CAN DO FOR YOU?

- **Recovers floor space, making the most of storage density**
- **Reduces picking times**
- **Makes materials accessible to all operators, quickly and ergonomically**
- **Keeps stock levels and all warehouse items under control**
- **Integrates easily into your company processes by communicating with all ERP systems**
- **Tracks picking and refilling operations, identifying who did what and controls every access**
- **Eliminates picking and refilling errors by guiding the operator through the process**

- UP TO 7 METERS
- 1.6 M DEPTH

STEEL-REINFORCED TOOTHED TRANSMISSION BELT

EMERGENCY BUTTON

INTEGRATED ERGONOMIC TOUCH SCREEN INTERFACE

LED ALPHANUMERIC BAR

END OF PICKING BUTTON

TECHNICAL SPECIFICATIONS	
HEIGHT from 2,400 mm to 7,000 mm	THROUGHPUT up to 190 trays per hour (depending on the configuration)
UNIT HEIGHT INCREMENT 100 mm	OPERATOR INTERFACE Industrial console with 10.4" touchscreen technology
TRAY STORAGE PITCH 25 mm	NUMBER AND TYPE OF BAY 1 internal bay with single delivery level
TRAY WIDTH 1,300 mm - 1,900 mm - 2,500 mm	MINIMAL ENERGY CONSUMPTION 1.2 kW/h for SLIM 1.3 model, H=7,000 mm
NET TRAY PAYLOAD 350 kg	POWER SUPPLY Single-phase (230V) and Three-phase (400V)
TRAY DEPTH 425 mm	TRANSMISSION Steel-reinforced toothed transmission belt (4 belts)

QUICK TO INSTALL, EASY TO USE

Modula Slim is built on a pre-assembled base module which is easy to move and quick to install.
This means that the VLM can be set up in your plant and **ready to use in 48 hours.**
Modula Slim also integrates quickly with your **company ERP system** thanks to Modula WMS (Warehouse Management System).
Not just easy and quick to install but also to use. It's really easy for your operators to interact with Modula Slim.

They can use the user-friendly touch screen interface and simple controls integrated into the bay like the end of picking button, EKS reader, LED bar etc.

In just a few days, your Modula Slim can be used by anyone and you will see an incredible increase in picking speed.

PLUG & PLAY INSTALLATION IN 48 HOURS

Touch screen console and integrated electrical panel

End of picking button

Trays with subdividing accessories

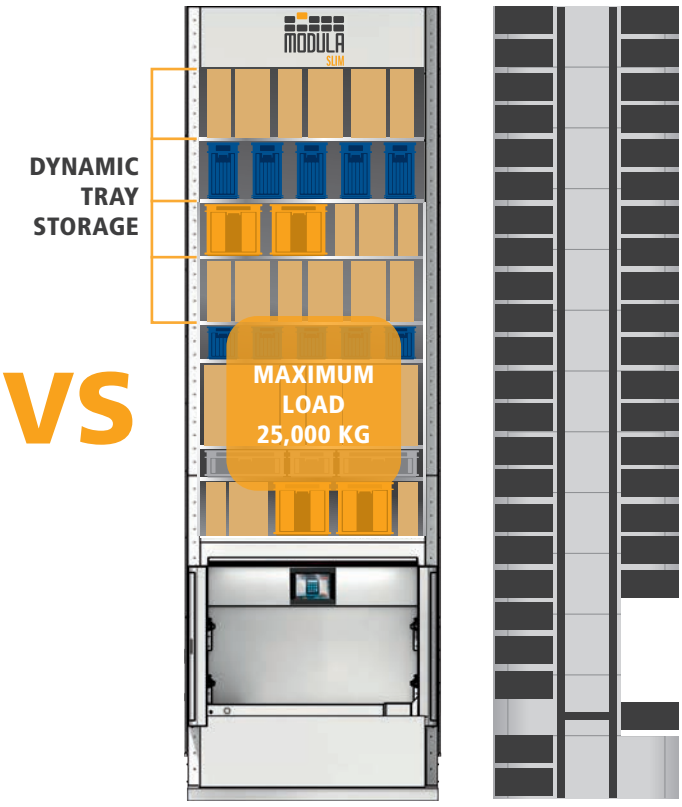
HAVE YOU EVER SEEN SUCH FLEXIBILITY?

Make use of all the space inside your Modula SLIM without limits or constraints. Choose dynamic storage without fixed heights and with a truly SLIM depth.

- Total payload is up to 25,000 kg with 7 metres in height **and no more than 1,6 m in depth**
- You can make use of all the availabe space in your VLM thanks to **dynamic tray** height storage: there are no fixed heights as the Modula Slim calculates the best place to put the trays and eliminates any wasted space between them
- With Lift technology and the way the elevator moves, there are no issues **with unbalanced loads** unlike with carousel systems
- Energy consumption is relatively low: less than **1.2 kW/h**
- You can choose to power the warehouse with a **three-phase (400V)** or a **single-phase (230V) supply**
- **Maintenance is limited**: the V-Shape toothed belt transmission system is super quiet, requires no lubrication and its self-aligning pulley system means it's super easy to install and adjust
- You can add all **options from the Modula range** such as visual aids, Put to Light, access control systems, partitions, dividers and slotted tray walls to subdivide the trays.

VERTICAL STORAGE SYSTEM

MODULA SLIM



SLIM MODELS

SLIM 1.3	Tray width *(mm)*	Tray depth *(mm)*	Tray wall height *(mm)*	Net tray payload *(kg)*	Unit footprint with INTERNAL bay *(Width x Depth mm)*
	1,300	425	45	350	1,685x1,675

SLIM 1.9	Tray width *(mm)*	Tray depth *(mm)*	Tray wall height *(mm)*	Net tray payload *(kg)*	Unit footprint with INTERNAL bay *(Width x Depth mm)*
	1,900	425	45	350	2,285x1,675

SLIM 2.5	Tray width *(mm)*	Tray depth *(mm)*	Tray wall height *(mm)*	Net tray payload *(kg)*	Unit footprint with INTERNAL bay *(Width x Depth mm)*
	2,500	425	45	350	2,885x1,675

OPTIONS

TRAYS

Trays can be fitted with options such as partitions and dividers to create compartments, meaning you can store materials or containers which might be very different from each other.
These options mean that the layout of materials in the trays is incredibly flexible and easy to modify.

Tray accessories

VISUAL AIDS

These give a visual indication of the location of the requested item and speed up picking and refilling operations. They guide the operator to the location of the items within the tray and noticeably reduce errors.

Alphanumeric bar

LED bar

Laser Pointer

ACCESS CONTROL

These devices protect stored materials from unauthorised access. You can give different users access to different trays/materials or compartments based on their permissions. Access can be granted using a login and password entered into the console, or it can be achieved using a strictly personal device which makes the operation very quick.

Magnetic badge Reader

RFID Reader

EKS Reader

OPTIONS WHICH INCREASE PRODUCTIVITY

1D/2D barcode readers can quickly scan the product and avoid any manual checks, integrated Put to Light increases the number of order lines processed at the same time or handles multiple orders simultaneously, electrostatic discharge protection systems (ESD) protect sensitive items.

ESD protection system

Put to Light

1D/2D barcode Reader

MODULA WORLD

3
production plants

13
subsidiaries

100+
dealers

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

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