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Modula LIFT

Think Vertical, Think Modula

NEW GENERATION

RECOVER SPACE AND INCREASE PRODUCTIVITY WITH VERTICAL LIFT MODULES.

Modula systems are Vertical Lift Modules with trays, based on the concept of vertical storage and floor-space saving.

They can reach heights of up to 24 metres, with a total load capacity of up to 90,000 kg.

All types of materials can be stored securely, cleanly and efficiently, reducing the required footprint by up to 90%.
Modula is an Italian company with over 30 years of experience that operates state-of-the-art production lines in a true Industry 4.0 smart factory.



WITHOUT MODULA



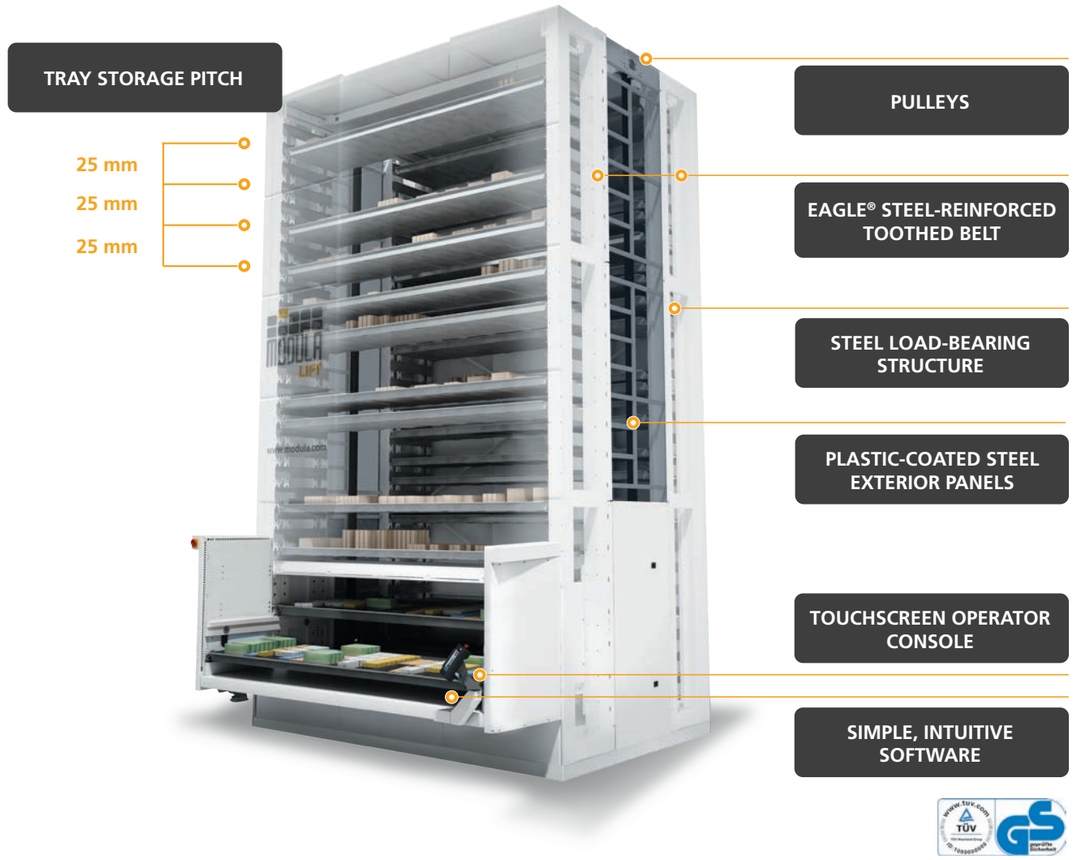
WITH MODULA

UP TO 90%

FLOOR-SPACE SAVING

- 1. RECOVER SPACE
- 2. INCREASE SECURITY
- 3. SAVE TIME
- 4. IMPROVE EFFICIENCY
- 5. REDUCE RISKS
- 6. IMPROVE INVENTORY MANAGEMENT

- UP TO 120 TRAYS PER HOUR
- 12 BAY CONFIGURATIONS
- UP TO 990 kg PAYLOAD PER TRAY, WITH TRAY WIDTHS UP TO 4,100 mm



TECHNICAL FEATURES	
UNIT HEIGHTS 3,300 mm to 24,000 mm	THROUGHPUT up to 120 trays/hr (depending on the configuration)
UNIT HEIGHT INCREMENT 200 mm	OPERATOR INTERFACE industrial console with 10.4" touch screen (Copilot)
TRAY STORAGE PITCH 25 mm	NUMBER OF BAYS up to 3, including above ground level and on the same side
TRAY WIDTHS 1,500 mm to 4,100 mm	BAY TYPES internal or external with single or dual delivery levels
TRAY DEPTHS 654 mm - 857 mm - 1,257 mm	• Minimal energy consumption • Automatic weight check for returned trays • Dynamic tray storage height • Galvanised-steel load-bearing structure • Eagle® steel-reinforced toothed-belt transmission • Elevator guide system with 6 rollers per side • Multiple payload tray management
GROSS PAYLOAD from 35,000 kg to 90,000 kg depending on model and configuration	
MAXIMUM STORAGE HEIGHT 695 mm (bay S) / 895 mm (bay M) / 1,295 mm (bay XL)	

OUR ADVANTAGES: MODULA'S TRAY CONFIGURATIONS

A Modula system can be configured in different ways, depending on how you plan to use it and on the type of picking bay required:

- **Single bay**
- **Internal bay**
- **Opposite bay**
- **Double bay**
- **External bay**
- **Displaced bay**

With a Modula system, you can select the dual-tray delivery option. This allows the operator to work on one tray in the picking bay while the next tray is retrieved and prepared for delivery.
Once work on the first tray has been completed, the second tray is ready.
The external bay makes it easier for operators to work with mechanical handling equipment, such as forklifts, zero-wight cranes, or overhead hoists.
It is also possible to perform picking operations simultaneously on both sides of the machine or to access the trays at different levels.

SINGLE INTERNAL DELIVERY



SINGLE EXTERNAL DELIVERY



DUAL INTERNAL DELIVERY



DUAL EXTERNAL DELIVERY



WHAT CAN YOU STORE IN A MODULA?

Whatever your industry, Modula allows you to store products and spare parts of various sizes, weights, heights, and volumes.

WHAT DO COMPANIES USUALLY STORE?

- Spare parts
- Small items

- Products and consumer goods for distribution or sale
- Finished and semi-finished products
- Tools, equipment, cosmetics, and pharmaceuticals
- Electrical and electronic components
- Mechanical parts
- Boxes and much more.


Tooling and drill bits


Reels and electronic components


Pharmaceuticals, boxes and cosmetics


Mechanical instruments


Tools and spare parts


Small parts and hardware


Bottles and labels


Spools, rope, chains

LIFT MODELS

ME - MED - MEDD



Model	Tray side height *(mm)*	Tray depth *(mm)*	Tray wall height *(mm)*	Net load capacity per tray *(kg)*	Unit footprint with INTERNAL bay (Width x Depth mm)	Unit footprint with EXTERNAL bay (Width x Depth mm)
ME25	1,500	654	45/70/120	250	1,917x2,556	1,917x3,246
ME25D	1,500	857	45/70/120	250	1,917x3,165	1,917x4,058
ME25DD	1,460	1,257	45/70/120	250	1,917x4,365	1,917x5,658
ME50	1,500	654	70/120	500	1,917x2,556	1,917x3,246
ME50D	1,500	857	70/120	500	1,917x3,165	1,917x4,058
ME50DD	1,460	1,257	70/120	500	1,917x4,365	1,917x5,658
ME75	1,500	654	70/120	750	1,917x2,556	1,917x3,246
ME75D	1,500	857	70/120	750	1,917x3,165	1,917x4,058
ME75DD	1,460	1,257	70/120	750	1,917x4,365	1,917x5,658
ME1000	1,460	654	70/120	990	1,917x2,556	1,917x3,246
ME1000D	1,460	857	70/120	990	1,917x3,165	1,917x4,058
ME1000DD	1,460	1,257	70/120	990	1,917x4,365	1,917x5,658

MA - MAD - MADD



Model	Tray side height *(mm)*	Tray depth *(mm)*	Tray wall height *(mm)*	Net load capacity per tray *(kg)*	Unit footprint with INTERNAL bay (Width x Depth mm)	Unit footprint with EXTERNAL bay (Width x Depth mm)
MA25	1,900	654	45/70/120	250	2,317x2,556	2,317x3,246
MA25D	1,900	857	45/70/120	250	2,317x3,165	2,317x4,058
MA25DD	1,860	1,257	45/70/120	250	2,317x4,365	2,317x5,658
MA50	1,900	654	70/120	500	2,317x2,556	2,317x3,246
MA50D	1,900	857	70/120	500	2,317x3,165	2,317x4,058
MA50DD	1,860	1,257	70/120	500	2,317x4,365	2,317x5,658
MA75	1,900	654	70/120	750	2,317x2,556	2,317x3,246
MA75D	1,900	857	70/120	750	2,317x3,165	2,317x4,058
MA75DD	1,860	1,257	70/120	750	2,317x4,365	2,317x5,658
MA1000	1,860	654	120	990	2,317x2,556	2,317x3,246
MA1000D	1,860	857	120	990	2,317x3,165	2,317x4,058
MA1000DD	1,860	1,257	120	990	2,317x4,365	2,317x5,658

MC - MCD - MCDD



Model	Tray side height *(mm)*	Tray depth *(mm)*	Tray wall height *(mm)*	Net load capacity per tray *(kg)*	Unit footprint with INTERNAL bay (Width x Depth mm)	Unit footprint with EXTERNAL bay (Width x Depth mm)
MC25	2,500	654	45/70/120	250	2,917x2,556	2,917x3,246
MC25D	2,500	857	45/70/120	250	2,917x3,165	2,917x4,058
MC25DD	2,460	1,257	45/70/120	250	2,917x4,365	2,917x5,658
MC50	2,500	654	70/120	500	2,917x2,556	2,917x3,246
MC50D	2,500	857	70/120	500	2,917x3,165	2,917x4,058
MC50DD	2,460	1,257	70/120	500	2,917x4,365	2,917x5,658
MC75	2,500	654	70/120	750	2,917x2,556	2,917x3,246
MC75D	2,500	857	70/120	750	2,917x3,165	2,917x4,058
MC75DD	2,460	1,257	70/120	750	2,917x4,365	2,917x5,658
MC1000	2,460	654	120	990	2,917x2,556	2,917x3,246
MC1000D	2,460	857	120	990	2,917x3,165	2,917x4,058
MC1000DD	2,460	1,257	120	990	2,917x4,365	2,917x5,658

MX - MXD - MXDD



Model	Tray side height *(mm)*	Tray depth *(mm)*	Tray wall height *(mm)*	Net load capacity per tray *(kg)*	Unit footprint with INTERNAL bay (Width x Depth mm)	Unit footprint with EXTERNAL bay (Width x Depth mm)
MX25	3,100	654	45/70/120	250	3,517x2,556	3,517x3,246
MX25D	3,100	857	45/70/120	250	3,517x3,165	3,517x4,058
MX25DD	3,060	1,257	70/120	250	3,517x4,365	3,517x5,658
MX50	3,100	654	70/120	500	3,517x2,556	3,517x3,246
MX50D	3,100	857	70/120	500	3,517x3,165	3,517x4,058
MX50DD	3,060	1,257	70/120	500	3,517x4,365	3,517x5,658
MX75	3,100	654	70/120	750	3,517x2,556	3,517x3,246
MX75D	3,100	857	120	750	3,517x3,165	3,517x4,058
MX75DD	3,060	1,257	120	750	3,517x4,365	3,517x5,658
MX1000	3,060	654	120	990	3,517x2,556	3,517x3,246
MX1000D	3,060	857	120	990	3,517x3,165	3,517x4,058
MX1000DD	3,060	1,257	120	990	3,517x4,365	3,517x5,658

ML - MLD - MLDD



Model	Tray side height *(mm)*	Tray depth *(mm)*	Tray wall height *(mm)*	Net load capacity per tray *(kg)*	Unit footprint with INTERNAL bay (Width x Depth mm)	Unit footprint with EXTERNAL bay (Width x Depth mm)
ML25	4,100	654	70/120	250	4,517x2,556	4,517x3,246
ML25D	4,100	857	70/120	250	4,517x3,165	4,517x4,058
ML25DD	4,060	1,257	70/120	250	4,517x4,365	4,517x5,658
ML50	4,100	654	120	500	4,517x2,556	4,517x3,246
ML50D	4,100	857	120	500	4,517x3,165	4,517x4,058
ML50DD	4,060	1,257	120	500	4,517x4,365	4,517x5,658
ML75	4,100	654	120	750	4,517x2,556	4,517x3,246
ML75D	4,100	857	120	750	4,517x3,165	4,517x4,058
ML75DD	4,060	1,257	120	750	4,517x4,365	4,517x5,658
ML1000	4,060	654	145	990	4,517x2,556	4,517x3,246
ML1000D	4,060	857	145	990	4,517x3,165	4,517x4,058
ML1000DD	4,060	1,257	145	990	4,517x4,365	4,517x5,658

MAXIMUM PAYLOAD PER TRAY: UP TO 990 KG

INDUSTRIAL COPILOT CONSOLE: 10.4-INCH TOUCHSCREEN

MODULA WMS SOFTWARE: FOR COMPLETE OPERATIONAL CONTROL

OPERATOR SAFETY: ERGONOMIC, SAFE, AND TÜV-CERTIFIED

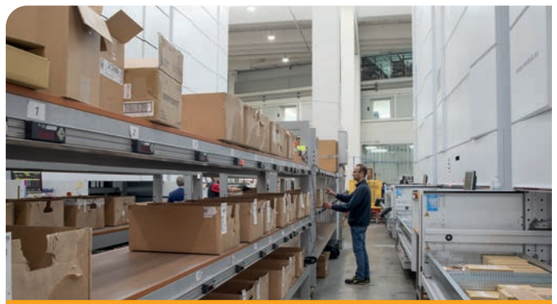
MODULA INTEGRATES WITH ALL TECHNOLOGIES

Modula is ideal for companies that need seamless integration with other technologies, such as:

- Robots
- Roller conveyors
- Put-to-Light systems
- Manipulators
- Zero-weight cranes

Thanks to Modula WMS, your VLM can be integrated with any ERP system, connecting the Modula storage system to your company's workflow and enabling it to exchange data with your management system.
This allows you to manage material and user master data, production orders, inventory, and spare parts, while maintaining greater control over stock levels and all warehouse movements, including picking and replenishment.
With Modula, stocktaking is easy, and custom analyses and reports help you keep everything under control.


Integration with anthropomorphic robots


Put-to-Light systems connected to WMS


Integration with manipulators and cranes


Integration with conveyors



Insulated machines for outdoor installation


Fire protection system integration

OPTIONS


Magnetic badge Reader


EKS Reader


Laser Pointer


Put to Light


1D or 2D barcode Reader


Sliding console


Automatic door


Electrified tray


Foot bar task complete


End Picking Button


External bay lighting


RFID Reader


Alphanumeric bar

OPTIONS


LED bar


ESD protection system


Label printer


Counting scale


Telescopic bay


Trolley


Picking cart



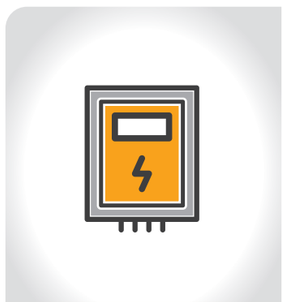
Tray accessories


Weight distribution plates


Modula Green


0 °C


Sprinkler predisposition


Remote electrical panel

TRUSTED BY COMPANIES WORLDWIDE

BEVERAGE	AKIJ FOOD AND BEVERAGE	Bangladesh
	BODEGAS JOSE ESTEVEZ	Spain
	COCA COLA	Belgium, USA
	CONTRI SPUMANTI	Italy
	GINESTET	France
	MOTHER PARKERS	USA
	NATURAL WATERS OF VITI	Fiji
	NESTLÈ WATERS	UK
	PEPSICO	USA, Australia, UK, Germany, Brazil
	SPENDRUPS	Swiden
	SUNTORY	Mexico
MECHANICAL METALLURGICAL	ALSTOM TRANSPORT INDIA	India
	BIESSE	Italy, USA, Malaysia
	BONFIGLIOLI RIDUTTORI	Italy, India, USA, China
	SATURN FASTENERS	USA
AUTOMOTIVE	AUDI	Mexico, Belgium, Spain
	BMW	China, Belgium, Germany, Mexico, Canada, UK
	BREMBO	Italy, Poland, China, Czech Rep, USA
	BRIDGESTONE CANADA	Canada
	CNH INDUSTRIAL	Spain, Italy, Belgium, Netherlands
	CONTINENTAL	USA, Germany
	FCA	Brazil, Poland, Italy, Serbia
	FERRARI	Italy
	GKN DRIVELINE	Mexico, USA
	GOODYEAR	Germany, Canada
	HARLEY DAVIDSON	USA
	JAGUAR	Belgium
	MASERATI	Italy
	MICHELIN	France
	PEUGEOT-CITROEN	France
	PORSCHE	Germany
	RENAULT	France
	SUBARU	USA, Canada
	VOLKSWAGEN	Germany, China, Spain, Argentina
CHEMICAL PHARMACEUTICAL BIOMEDICAL	GLAXO SMITH KLINE	Italy, UK, USA
	INNOMED	USA
	INTAS PHARMACEUTICALS	India
	JOHNSON & JOHNSON	USA, Brazil
	ORFIT	Belgium
ELECTRICAL ELECTRONIC	BHARAT ELECTRONICS	India
	EATON CONTROLS	Mexico
	PT INFINEON	Singapore
	SIEMENS	France, India, Mexico
	WURTH	Germany, Slovakia
HYDRAULIC PNEUMATIC	BOSCH REXROTH	Mexico, Germany, USA, Italy
	WALVOIL	Italy, USA
	GUNTER TATA HUOTECHNIKA	Hungary
	MECANIZADOS ALCOY	Spain
AGRICULTURAL MACHINERY	CNH INDUSTRIAL	Brazil, Italy, Spain, Belgium
	KOMATSU	Italy
	JOHN DEERE	USA
	RANGER INDUSTRIES	USA
TRANSPORT	METROPOLITAN TRANSPORTATION AUTHORITY	USA
	NEW YORK CITY TRANSIT AUTHORITY	USA
	SNCF	France
	TORONTO TRANSIT COMMISSION	Canada
PLASTIC	CONTITECH CHINA RUBBER & PLASTICS TECHNOLOGY	China
	MILACRON PLASTIC TECH	USA
	KLINTPACK	Tailandia
	WESTLAND GUMMIWERKE	Germany

FOOD	CHOBANI	USA
	GRISSIN BON	Italy
	OISHI - LIWAYWAY CHINA	China
AERONAUTIC	BOMBARDIER	Germany
	CHINA ACADEMY OF SPACE TECHNOLOGY	China
	HINDUSTAN AERONAUTICS	India
	LOCKHEED MARTIN CORPORATION	USA
	LUFTHANSA	China
CERAMICS	FLORIM	Italy, USA
	PORCELANOSA MEXICO	Mexico
	PORCELANOSA NEW YORK	USA
	ROCA SANITARIO	Spain
	SACMI	Italy, Spain, Mexico
CLOTHING	GIORGIO ARMANI	Italy
	CELINE	Italy
	NIKE	USA, Belgium
	PRADA	Italy
	VALENTINO	Italy
COSMETICS	AIR-VAL INTERNATIONAL	Spain
	IBERCHEM AROMAS	Spain
	L'OREAL	China
	MARIA GALLAND	Germany
	RUSI COSMETIC	Germany
OPTICAL	ALCON	USA
	BUHLER LEYBOLD OPTICS	China
	LUXOTTICA	Italy
	MEKRA LANG GMBH & CO.	Germany
JEWELLERY	LUCE BIANCA	Italy
	MIDAS CHAIN	USA
	OTTAVIANI INTERNATIONAL	Italy
	PERLUNICA	Italy
ENERGY OIL&GAS	BAKER HUGHES/ NUOVA PIGNONE	UK, Italy
	GE ENERGY	USA
	KUWAIT NATIONAL PETROLEUM COMPANY	UAE
	PETRO CANADA	Canada
	PETROLEO BRAZILEIRO	Brazil, Poland, Italy, Serbia
PAPER	AKIJ PRINTING AND PACKAGES	Bangladesh
	BIC ECRITURE	France
	CCL LABELS	USA
	INTERNATIONAL PAPER	USA
	HACHETTE LIVRE	France
ARMY	DDDC DEFENSE DISTRIBUTION DEPOT CAL	USA
	DLA-AVIATION	USA
	U.S.A.F. - MCCONNELL AIR FORCE BASE	USA
	U.S. AIR FORCE DOVER AFB	USA
SUPERMARKET	CONAD DEL TIRRENO	Italy
	CONSUM COOP	Spain
	OTK KART USA CORP.	USA
	SUPERMERCATI TOSANO CEREA	Italy
	WOOLWORTHS SUPERMARKET	Australia
FURNITURE	ALLIANCE LAUNDRY	Czech Rep
	BIG HOME SHOP	UK
	INTERFACE	USA
	SCAVOLINI	Italy
	SANA TRENNWANDBAU	Germany
PACKAGING	AETNA GROUP	USA
	POPLAST	Italy
	SOFLOG	France

MODULA WORLD



3
production plants

14
subsidiaries

100+
dealers

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

LIFT / OCTOBER 2026

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