

System Logistics Production

The vertical automatic storage system



Modula Lift, the vertical storage system.



Modula Lift, the solution.

Modula Lift, the new generation drawer vertical storage system, is the ideal solution for your warehouse. An automatic vertical storage system for a better storing, picking and handling of every product type in different company conditions, optimizing the available space in the company.

Modula Lift is a breakthrough evolution of the previous model and is able to store and pick objects, components, semi-finished and finished products of any type, thanks to its high storage capacity (equal to 60,000 kg net and over 840 sq.m).

Modula Lift design is elegant and modern, made up of an inner structure of bearing profiles and steel modular covers entirely produced by a high technology line.

Modula Lift structure accommodates metal drawers that are picked and deposited in picking bays by an automatic lift and are totally managed by an innovative hardware and software integrated system, easy to manage for fast and efficient storage operations.



1 Double external bay: in case of intensive picking, the system can work in concealed time



2 Optional sliding console: functional and ergonomic to help the operator during intensive picking activities



More performance and respect for the environment.

The steady care for the environment and energy saving has led to design the new Modula Lift to ensure a huge energy saving and guarantee a lower environmental impact at the same time.

The lower energy consumption derives from less powerful motors with higher efficiency vs. the previous Modula model. The 3 kW vertical axis motor, also for the 750 kg model, enables a significant energy saving.

The optional **ModulaGreen**® device enables a further saving by recovering the energy produced by the drawer lowering movement that would be otherwise dissipated.

Thanks to this option, an investment return can be easily expected in a few months.



Modula Lift, the space.



Modula, the vertical storage system to save space.

The new Modula Lift vertical storage system excels itself: over 840 sq.m of products stored in an occupied space of about 14 sq.m.

It uses up to 14 meters in height, to optimise the storage space and work with a very high picking speed.

The deposit in the Modula Lift drawers occurs through suitable cells with a stepping distance of 25 mm, together with a vertical modularity of the machine equal to 200 mm: this combination enables to distribute a higher number of drawers inside the machine structure. The availability of edges and partitions inside the drawers ensures the highest operating flexibility.

In wide industrial premises, the space can be further optimised placing several Modula Lift machines side by side.

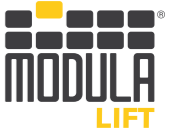
The modular structure and the new generation software enable the machines to reciprocally dialog and allow a single operator to manage different machines in the same environment, optimizing his interventions and movements. Picking and deposit operations of the various machines can be synchronized to reach top efficiency, fully using the operator availability.



**840sq.m
in 14sq.m**



Modula Lift, ergonomics, efficiency.



Internal or external, single or double bay.

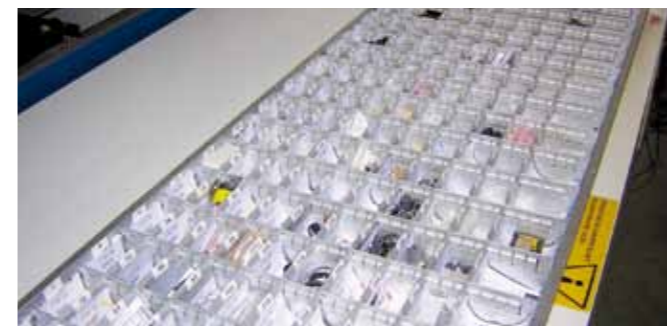
The external bay gets top performance thanks to the ergonomics of the working place and increases the safety level.

The use of external elements for handling the product, such as robots, manipulator arms, etc., also facilitates operations.

The internal bay enables to recover space if the available area is particularly narrow.

The internal or external double bay ensures a very high picking speed and eliminates waiting times. While the operator picks the material, the automation arranges the next loading unit in the second available bay.

The operators are guided in the picking and refilling operations very easily by a dedicated computer



Single internal



Double internal



Single external



Double external

Modula Lift, the console.



Efficiency and safety.

Lift OS

Modula Lift has a graphic touch screen, designed for the industrial environment, enabling the operator to access all machine functions simply and immediately. The touch screen console of Modula Lift has an entirely new graphic interface, developed in a colour graphic environment with simple and user friendly icons, thus very intuitive for the operators that do not need any special training for the daily use.

To ensure the safety of the products inside the warehouse the operators have passwords authorizing differentiated accesses depending on the tasks.

A wizard menu aids the operator in solving every problem dramatically reducing inefficiency. The console incorporates the automatic functions for managing scheduled maintenance interventions.

The system is arranged to check quantities, residues and products inside the drawers at any time, for a perfect product traceability. All movements and picking operations are recorded in a log file and can be viewed at any time for a total control on the warehouse and the handled products.

Modula WMS

For the integrated management and control of automatic storage units, System Logistics has developed **MODULA WMS**, an extremely advanced supervision software that can interact with all company IT systems.

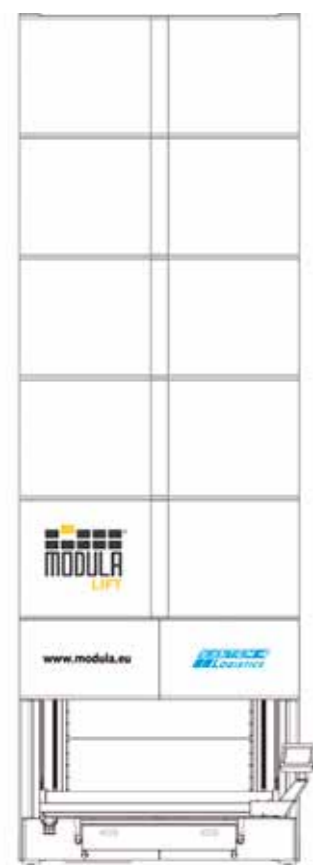
The management of two levels of reference subcodes enables to manage lots with an accurate and total traceability of the material in the storage system, through parameters such as production date, lot number, handling date, etc.

MODULA WMS can manage:

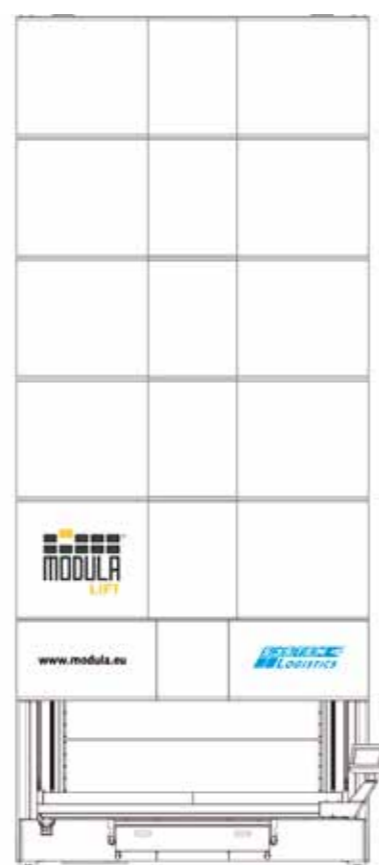
- Goods reception
- Production lot management
- Pinpointing of the best handling strategies
- Order preparation
- Stock check and statistical surveys
- Integration with all managing systems
- Packing lists
- Radio-frequency
- Management of other storage units, even manual ones
- Management of the areas for reception, shipment, quality check, etc.
- Goods flow management and control



Modula Lift, the range.



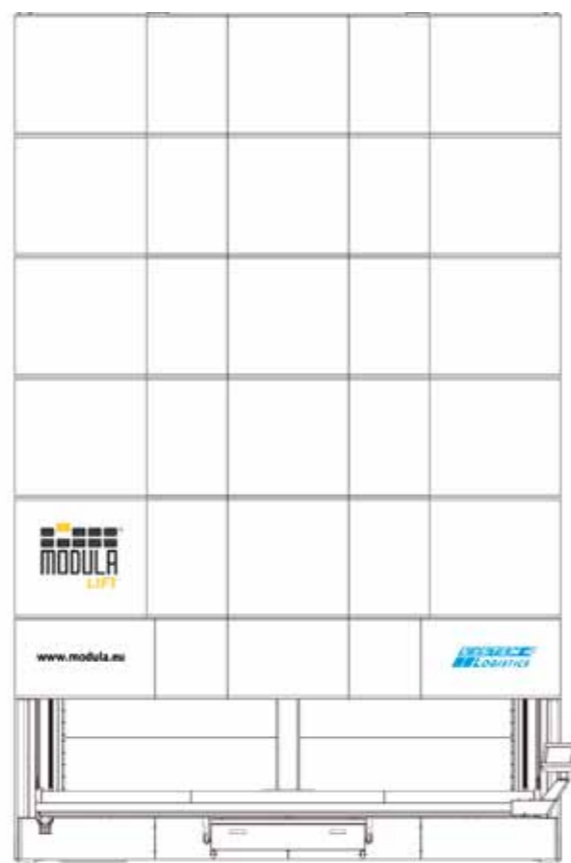
MA



MC



MX



ML

The technical features.

The Modula Lift storage system is available in different models with several dimensions and depth values.
Machine total capacity: 70,000 kg gross

Model	Width (mm)	Depth (mm)	Edge height (mm)	Capacity (Kg)	Dimensions in plant with Internal bay (L x D mm)	Dimensions in plant with External bay (L x D mm)
MA25	1.900	654	45 / 70 / 120	250	2.314 x 2.563	2.314 x 3.250
MA25D	1.900	857	45 / 70 / 120	250	2.314 x 3.172	2.314 x 4.062
MA50	1.900	654	70 / 120	500	2.314 x 2.563	2.314 x 3.250
MA50D	1.900	857	70 / 120	500	2.314 x 3.172	2.314 x 4.062
MA75	1.900	654	70 / 120	750	2.314 x 2.563	2.314 x 3.250
MA75D	1.900	857	70 / 120	750	2.314 x 3.172	2.314 x 4.062
MC25	2.500	654	45 / 70 / 120	250	2.914 x 2.563	2.914 x 3.250
MC25D	2.500	857	45 / 70 / 120	250	2.914 x 3.172	2.914 x 4.062
MC50	2.500	654	70 / 120	500	2.914 x 2.563	2.914 x 3.250
MC50D	2.500	857	70 / 120	500	2.914 x 3.172	2.914 x 4.062
MC75	2.500	654	70 / 120	750	2.914 x 2.563	2.914 x 3.250
MC75D	2.500	857	70 / 120	750	2.914 x 3.172	2.914 x 4.062
MX25	3.100	654	45 / 70 / 120	250	3.514 x 2.563	3.514 x 3.250
MX25D	3.100	857	45 / 70 / 120	250	3.514 x 3.172	3.514 x 4.062
MX50	3.100	654	70 / 120	500	3.514 x 2.563	3.514 x 3.250
MX50D	3.100	857	70 / 120	500	3.514 x 3.172	3.514 x 4.062
MX75	3.100	654	70 / 120	750	3.514 x 2.563	3.514 x 3.250
MX75D	3.100	857	70 / 120	750	3.514 x 3.172	3.514 x 4.062
ML25	4.100	654	70	250	4.514 x 2.563	4.514 x 3.250
ML25D	4.100	857	70	250	4.514 x 3.172	4.514 x 4.062
ML50	4.100	654	70 / 120	500	4.514 x 2.563	4.514 x 3.250
ML50D	4.100	857	70 / 120	500	4.514 x 3.172	4.514 x 4.062
ML75	4.100	654	120	750	4.514 x 2.563	4.514 x 3.250
ML75D	4.100	857	120	750	4.514 x 3.172	4.514 x 4.062

The above data are not binding for the company, that reserves the right to make changes without notice.

Modula Lift, the customer care and the group.



Taking care of the customer.

We consider the Customer Care service as an integrating part of our offer: offering assistance to our customers to solve specific problems. Our target is enabling our customers to use the solutions offered by us in the most satisfactory way.

Through a remote system, guided by an analysis and diagnosis program, we can assist the customer in several corrective actions, intervening with suitably developed supporting technologies to restore the Modula Lift operation quickly.



A world leading group.

Modula is a division of System Logistics SpA, important worldwide player in the field of industrial logistic and automation offering complete systems for handling goods flow inside company production/distribution systems, for any production compartment. Besides cooperating with several branches of its group, System SpA, System Logistics works in many countries of the world, even thanks to its local branches, located next to the customers.

Modula all over the world.

EUROPE

Italy	Headquarter
France	Branch
Spain	Branch
Portugal	Branch
Germany	Branch
UK	Dealer
Ireland	Dealer
Belgium	Dealer
Austria	Dealer
Slovakia	Dealer
Czech R.	Dealer
Poland	Dealer
Hungary	Dealer
Romania	Dealer
Netherlands	Dealer
Sweden	Dealer
Norway	Dealer
Cipro	Dealer

AMERICA

USA	Branch
Canada	Branch
Mexico	Branch
Brazil	Branch
Argentina	Branch
Colombia	Branch

ASIA

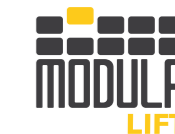
China	Dealer
India	Dealer
Korea	Dealer
Malaysia	Dealer
Singapore	Dealer
Australia	Dealer
Emirati Arabi	Dealer

AFRICA

Egypt	Dealer
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Modula Lift, the choice.



Some references

Accessories

Autocentri Balduina	Italy
Centro Porsche Roma	Italy
Dicsa	Spain
Eurobearings	Spain
Frigicoll	Spain
Gb Ricambi	Italy
Himoinsa	Spain
Ip Cleaning	Italy/Spain
Tivoly	France

Aeronautical Industry

Altus Air Force Base	USA
Boeing	USA
Centro Elicotteri Carabinieri	Italy
Continental Airlines	USA
Dasa	Germany
Eads	France
Embraer	Brasil
Honeywell International Aerospace	Mexico
Smiths Aerospace Components	USA
Snecma	France
Spectrum Aerospace	USA
Unison Engine Components-MTTP	USA

Food Industry

Arla Foods	Great Britain
Coca Cola Enterprises	Great Britain
Fructamine	Italy
Gate Gourmet	Denmark
Inalca	Italy/Russia
Menu'	Italy
Tetra Pack Packaging Solutions	Italy

Aluminium

Acra	France
Abastecimientos Del Norte	Spain
C2 Serramenti	Italy
Emmegi-Expal	Portugal
Estruperfil	Spain
Euralex'	Spain

Public Administration/Army

A.O.U. Ospedali riuniti di Trieste	Italy
Company Support Armament	USA
Embassy of the Usa	Great Britain
Fort Campbell	USA
Fort Lewis	USA
Hunter Army Air Field	USA
New York City Transit Authority	USA

Renfe Operadora	Spain
Santa Barbara	Spain
U.S. Postal Service	USA

Furnishing

Gruppo Spar	Italy
Mariner	Spain
Mobili Berloni	Italy
Scavolini	Italy

Automotive

A.B.S. All Brake Systems B.V.	Holland
Aprilia	Italy
Automobili Lamborghini	Italy
Autosport Tepper	Holland
Berco	Italy
Bosch	Italy
Brembo	Italy/Poland
Caterpillar (FIAT)	USA/Ita/Pol
Cnh	Italy
Ducati Motor	Italy
Ferrari	Italy
FIAT Auto Poland	Italy/Poland
Ford Motor Company	USA
Harley Davidson	USA
Iveco	Italy
Komatsu Utility Europe	Italy
Laverda	Italy
Maserati	Italy
Opel	Spain
Peugeot	France/Spain
Scuderia Toro Rosso SpA	Italy
Shanghai Automotive Brake Systems	China
Siemens Automotive Sa	France
Suzuki America	USA
Tower Automotive	USA
Trw Automotive Pumps	Italy
Volkswagen	Spain
Wendle Nissan Sales	USA

Biomechanics/Biomedical Industry

Biomet	Spain
Comecer	Italy
G.F.	Italy
Lean	Italy
Synthes	USA
St. Jude Medical	USA

Paper Industry/Publishing

Kimberley-Clark	USA
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Zanichelli Editore	Italy
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Ceramic Industry

Ceramica Sant'agostino	Italy
Ceramicas Gaya	Spain
Colorker	Spain
Cooperativa Ceramica d'Imola	Italy
Grespania	Spain
Internacional De Ceramica	Mexico
Laminam	Italy
Porcelanosa	Spain
Sacmi	Italy/Spain
Smalticeram	Italy

Electrical/Electronic Industry

Adc Telecommunications	USA
Alcatel Business System	France
Bticino	Italy
Canon	France
Dasa	Germany
Datalogic	Italy/Slovakia
Duracel	Italy
Electrolux Zanussi	Italy
Elettric 80	Italy
Elettronica Cimone-Beghelli	Italy
Garmin	USA
General Electric Canada	Canada
Gewiss	Italy
Infineon	Portugal
Koxka	Spain
Master Cadena	Spain
Orange	Great Britain
Sew Usocome	France
Staubli	France
Tyco Electronics	USA

Pharmaceutical Industry

Abbott	France/Italy
Aventis Pharmaceutical	USA
Baxter	Great Britain
Frosst Iberica	Spain
Glaxosmithkline	UK/USA/Ita/Fra

Mechanical/Metallurgy

Abb Industrie Spa	Italy
Abb Power Technologies	Italy
Acciaierie Valbruna	Italy
Alstom Power It.	Italy
Arcelor Piombino	Italy
Bonfiglioli Riduttori	Italy

Dalmec	Italy
Honeywell Garrett	Italy/Romania
Motovario	Italy
Ormic	Italy
Otis	Italy
Rossi Motoriduttori	Italy
Zucchetti Rubinetterie	Italy

Ship Building

Cantiere Nautico Cranchi	Italy
Crn	Italy
Ferretti	Italy
Grupo Izar	Spain
Pershing	Italy

Oleodynamic/Pneumatic Industry

Bosch-Gruppo Oil Control	Italy
Marzocchi Pompe	Italy
Pneumatica Farbo	Italy
Pompetravaini	Italy
Sc Oleodinamica	Italy
Teconasa	Spain
Walvoil	USA

Optical Industry

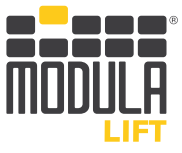
Bausch & Lomb-IOM SpA	Spain
De Rigo Vision	Italy
Fuji Photo Film	Great Britain
Luxottica	Italy
Marcolin	Italy
Opticas	Spain

Plastic Industry

Alcolor	Spain
Favaron	Italy
Formosa Plastics Corp.	USA
Graham Packaging Europe	Spain
Stilflex	Italy
Trelleborg Sealing Solutions	Italy

Textile Industry/Clothing Industry

Aeffe	Italy
Ciocca	Italy
Clothing Company-Belstaff	Italy
Fast Fashion	Italy
Filatess	Italy
Jimenez Collection	Spain
Gruppo Max Mara	Italy
Prada	Italy
Realfio Texteis	Portugal
Sixtie Factory	Italy



www.modula.eu



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