

System Logistics Production

The automatic vertical storing system



Modula[®], the solution.



Modula, the vertical storing system with drawers.

Modula[®] is the vertical storing system with drawers representing the ideal solution for handling, storage and fast picking of components, semi-processed products and finished products in various companies. Modula[®] gets the top storage density to optimize as much as possible the available areas.

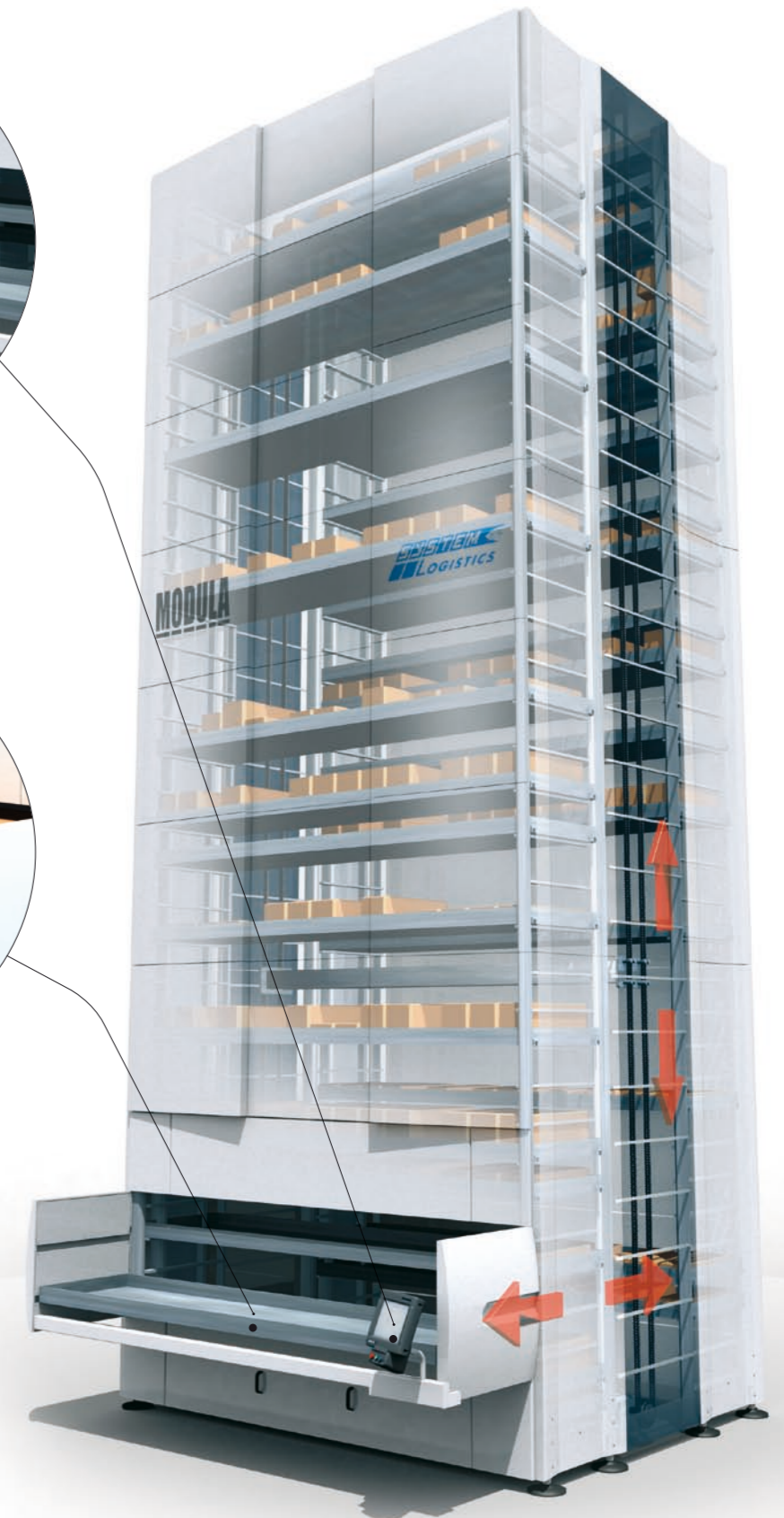
The structure is featured by an extremely modern line, with a framework formed by bearing profiles and modular steel guards, fully produced by a highly-automated line.



Optional sliding console



Double external picking bay



Modula[®], the space.



Modula, the vertical storing system to save space.

Modula[®] vertical storing system has been designed to optimize the covered area and the picking working speed; it is formed by an entirely modular structure that fully covers the room height, up to 14 metres.

The drawer laying cells reach a stepped movement by 25 mm and the matching of edges and partitions inside the drawers ensures top utilisation flexibility.



400m² in only 12m²

THE HIGHEST STORAGE DENSITY TO SAVE AS MUCH AS POSSIBLE THE AVAILABLE AREA.



Modula[®], ergonomics.

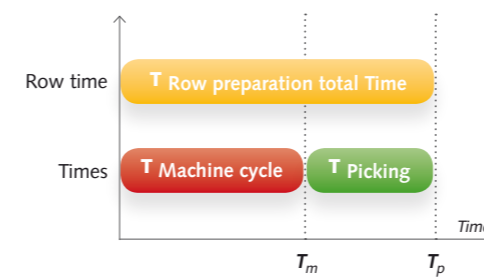


Outside, inside and double picking bay

The outside picking bay gets a top ergonomic degree of the working place and increases the safety level. As an alternative, the solution with inside picking bay is available.

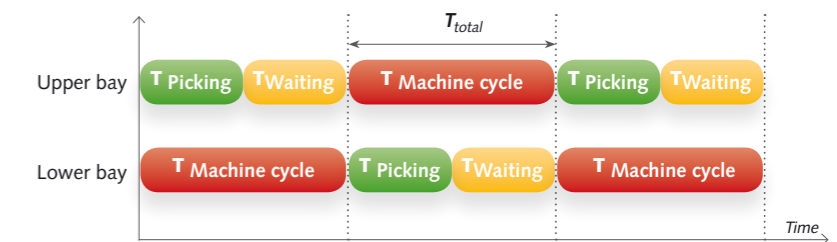
With the double picking bay, both inside and outside, Modula[®] gets extremely high picking speeds and eliminates waiting times: while the operator collects the material, the automation presets the next loading unit in the second available picking bay.

Vertical storage units with single picking bay



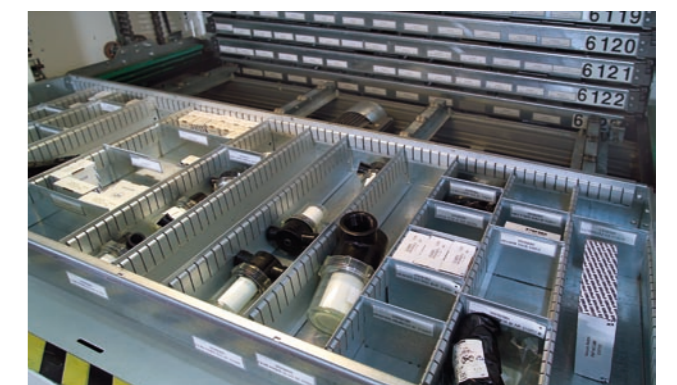
$$\text{TOTAL TIME} = T_m + T_p$$

Vertical storage units with double picking bay



$$\text{TOTAL TIME} = \text{the highest between } T_m \text{ e } T_p$$

TWaiting = waiting time for the operator's or machine activity completion.



Modula[®], the simplicity.



Touch-screen console

It is a compact and powerful computer designed to operate in industrial environments. The operator's interface includes a graphic touch-screen LCD that simplifies the management of all functions controlling the machine.

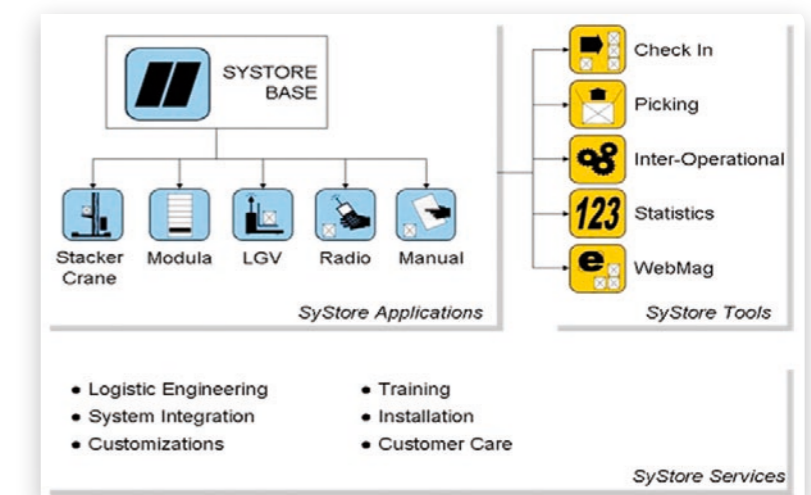
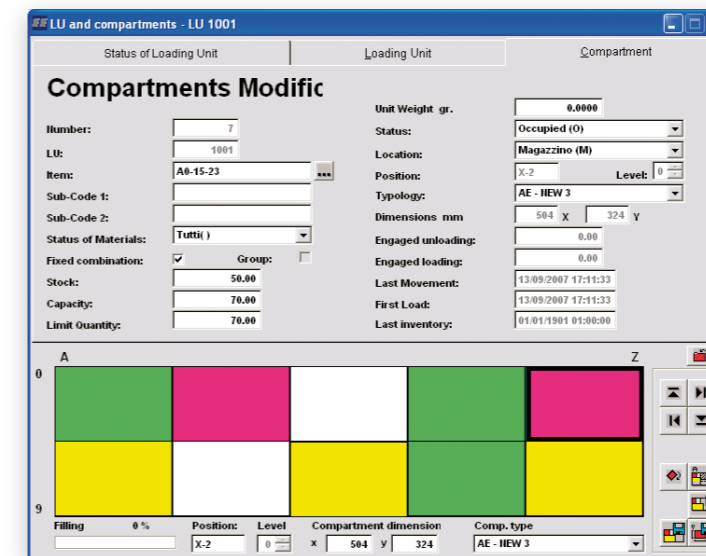


Integration with computer processing systems

For the integrated management and control of automatic storing systems, System Logistics developed the **SYSTORE** supervision software.

It is a warehouse managing system that can be interfaced with all the other computer processing systems of the company, to control internal processes such as:

- Goods reception
- Production batch management
- Pinpointing of the best product handling strategies
- Order preparation
- Stock check and statistical surveys



Modula[®], the care.



Customer care

System Logistics pays special attention to after-sales service, considered integral to Modula[®].

This service can satisfy any service request by phone and on site; it includes the supply of spare parts in short times, the management of preliminary maintenance contracts, of training stages, of hardware and software upgrades and relevant modifications.

The customer service is organised to grant a suitable phone support; in addition, using expressly-developed technologies, System Logistics skilled staff can guide the customer's staff to carry out the required changes and modifications.

A researched analysis and diagnosis software achieves the system remote control, ensuring a fast operation restoration.



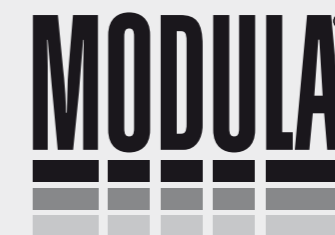
Technical data

Machine total capacity: 60000 kg

Max. vertical speed: 2.2 m/s

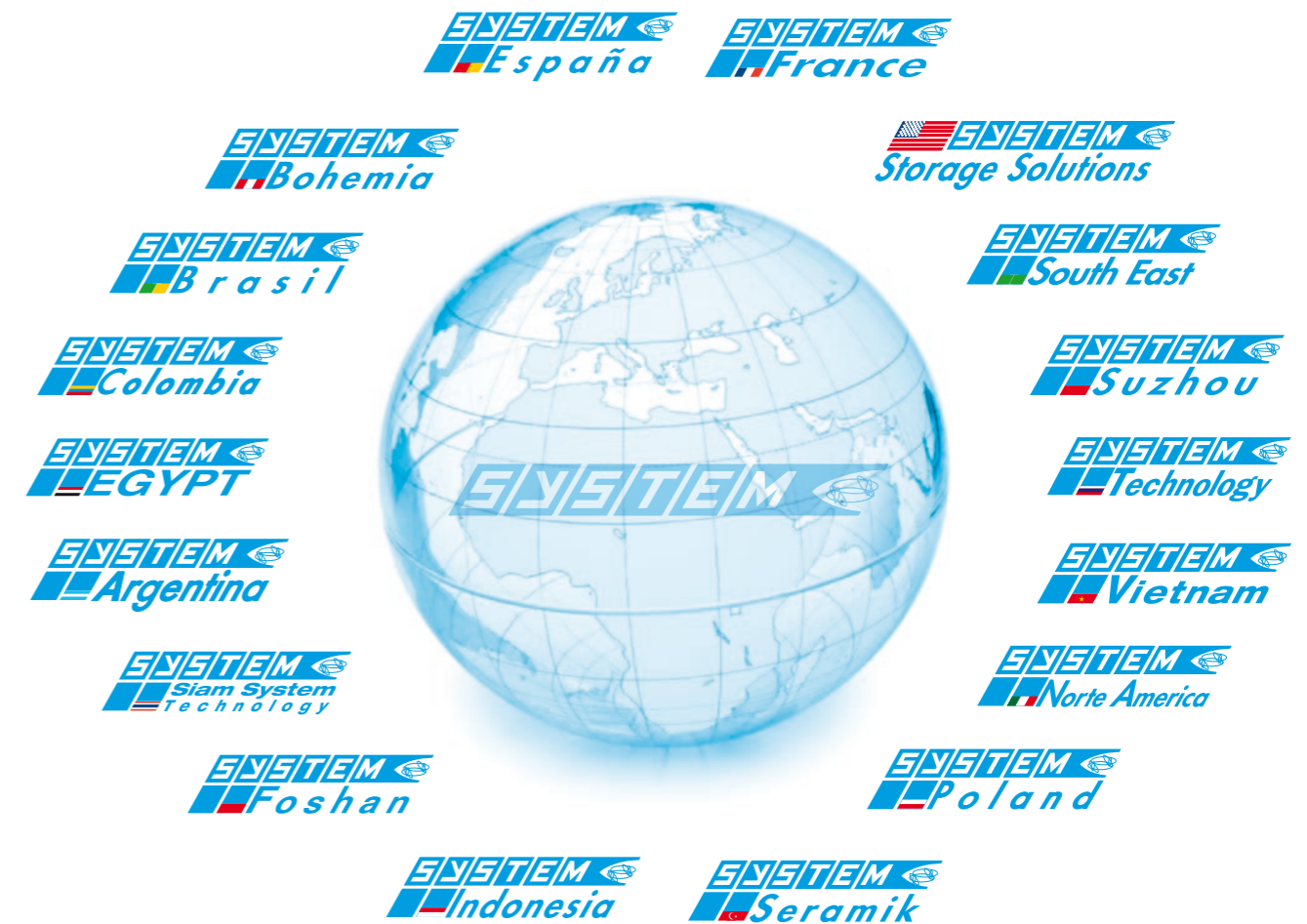
Model	Load. Un.Dim. in mm.	Drawer capacity kg	Plan dimensions with Inner picking bay	Plan dimensions with External picking bay
MB25	2200 x 625	250	2720 x 2790	2720 x 3460
MB25D	2200 x 815	250	2720 x 3360	2720 x 4220
MB50	2200 x 625	500	2720 x 2790	2720 x 3460
MB50D	2200 x 815	500	2720 x 3360	2720 x 4220
MB75	2200 x 625	750	2720 x 2790	2720 x 3460
MB75D	2200 x 815	750	2720 x 3360	2720 x 4220
MX25	3100 x 625	250	3620 x 2790	3620 x 3460
MX25D	3100 x 815	250	3620 x 3360	3620 x 4220
MX50	3100 x 625	500	3620 x 2790	3620 x 3460
MX50D	3100 x 815	500	3620 x 3360	3620 x 4220
MX75	3100 x 625	750	3620 x 2790	3620 x 3460
MX75D	3100 x 815	750	3620 x 3360	3620 x 4220
ML50	4100 x 625	500	4620 x 2790	4620 x 3460
ML50D	4100 x 815	500	4620 x 3360	4620 x 4220
ML75	4100 x 625	750	4620 x 2790	4620 x 3460
ML75D	4100 x 815	750	4620 x 3360	4620 x 4220

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



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System in the world.



A world leading group.

System Logistics is a division of System S.p.A., a world leading group that has been operating for over 30 years in industrial automation.

System Logistics is a company partner designing and producing complete systems for handling goods flow inside company production/distribution systems, offering tailored solutions for any production compartment.

System Logistics has always been featured by a steady commitment in finding out technological innovation and 5% of the company turnover is dedicated to this area: the offered service is dynamic and the suggested solutions are always state-of-the-art.

The activity of System Logistics is carried out in full synergy with the other two divisions of the group, planning and realising machines, hardware and software in-house. This operation synergy makes all the expertise and special skills of each department flow into the quality of customer service, getting a global control from order creation to after-sales service.



Modula[®], 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

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FORT LEWIS	U.S.A.
HUNTER ARMY AIR FIELD	U.S.A.
NEW YORK CITY TRANSIT AUTHORITY	U.S.A.
SANTA BARBARA	Spain
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MOBILI BERLONI	Italy
SCAVOLINI	Italy

AUTOMOTIVE

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AUTOMOBILI LAMBORGHINI	Italy
AUTOSPORT TEPPER	The Netherlands
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BOSCH - VITH	Italy
BREMBO	Italy/Poland
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FORD MOTOR COMPANY	U.S.A.
GRILLO	Italy
HARLEY DAVIDSON	U.S.A.
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SIEMENS AUTOMOTIVE SA	France
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TOWER AUTOMOTIVE	U.S.A.
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PORCELANOSA	Spain
SACMI	Italy/Spain
SMALTICERAM	Italy

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CANON	France
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ELETTRONICA CIMONE-BEGHELLI	Italy
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DALMEC	Italy
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ORMIC	Italy
OTIS	Italy
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SEW USOCOM	France

TETRA PACK	Italy
ZUCCHETTI RUBINETTERIE	Italy

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CRN	Italy
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GRUPO IZAR	Spain
PERSHING	Italy

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PNEUMATICA FARBO	Italy
POMPETRAVAINI	Italy
SC OLEODINAMICA	Italy
TECONASA	Spain
WALVOIL	U.S.A.

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FUJI PHOTO FILM	Great Britain
LUXOTTICA	Italy
MARCOLIN	Italy
OPTICAS	Spain

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FAVARON	Italy
FORMOSA PLASTICS CORP.	U.S.A.
GRAHAM PACKAGING EUROPE	Spain
STILFLEX	Italy
TRELLEBORG SEALING SOLUTIONS	Italy

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CIOCCA	Italy
CLOTHING COMPANY - BELSTAFF	Italy
FAST FASHION	Italy
FILATESS	Italy
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PRADA	Italy
REALFIO TEXTEIS	Portugal
SIXTIE FACTORY	Italy



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