

TECNOLOGIE E
LOGISTICHE DI MAGAZZINO

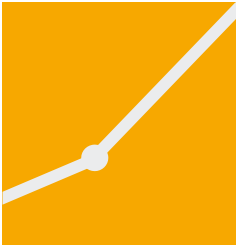
RESEARCH
INNOVATION
QUALITY

GO ON >>

INTERACTIVE INDEX



WAREHOUSES: PERFORMANCE IMPROVEMENT



6 ADVANTAGES FOR YOUR COMPANY



CREATE SAFE WORK ENVIRONMENTS



OPT FOR COMPANIES INVESTING IN RESEARCH



INSIST ON QUALITY HEALTH FIRST



OPTIMIZE SPACE AND TIME



**PALLET STORAGE SYSTEMS
WITH RADIO CONTROLLED SATELLITE
AUTOMATED PALLET STORAGE SYSTEMS
EQUIPPED WITH TRAVELING LIFTS
SELF-CARRYING WAREHOUSES**



**PALLET RACKS
DRIVE-IN RACKS
MOBILE RACKS
GRAVITY RACK
PUSH-BACK RACK
SUPER PALLET RACK FOR HEAVY LOADS**



**CANTILEVER
MOBILE CANTILEVER RACKS
CANTILEVER RACKS FOR A CONTINUOUS STORAGE
OUTDOOR CANTILEVER
LIGHT CANTILEVER: MODULEVER**



**SHELF RACKS
INDUSTRIAL MEZZANINES
MEZZANINES
LIGHT RACKING: EASY BLOK RACK
LIGHT RACKING: REX RACK**



APP DOWNLOAD

CONTACT

<< BACK

GO ON >>



AUGMENTED REALITY OPENS UP NEW DIMENSIONS



DOWNLOAD THE FREE APP
"MODULBLOK"
AND START A NEW ADVENTURE

IT'S EASY:
USE YOUR SMARTPHONE/TABLET,
FIT THE PAGES WITHIN THE SQUARE
AND LOSE YOURSELF INTO
THE AUGMENTED REALITY

AVAILABLE ON GOOGLE PLAY AND APP STORE



DOWNLOAD
Free from the
official Market



**PRINT
AND FIT**
the pages
of our brochure
with your
Smartphone/tablet

> BROCHURE
REQUEST
RECYCLED
PAPER



**VISIONS
BECOME
REALITY**

INDEX

CONTACT

<< BACK

GO ON >>

WAREHOUSES: PERFORMANCE IMPROVEMENT

We are ahead of our time in manufacturing systems that comply with future regulations and can withstand the test of time and any stresses, including seismic forces.

Our fully customized, original and innovative structures are designed to meet any customer requirements and increase warehouse organization, efficiency and safety. The structures manufactured by Modulblok can adapt to the specific features of stored products and the size of the Client company, from small-sized to more complex logistics hubs.

Clear focus on our customers

Your cooperation is crucial for us to gain a clear insight into what you wish and can obtain from an accurate organization of your warehouse.

We listen to you very carefully and identify with you the relevant requirements and flows; finally we examine and suggest the most effective solutions for the achievement of your goals. During the design and dimensioning phase, we carry out simulations of the warehouse to make sure that it matches your needs.

Acting as a "one-stop shop"

All implementation phases are accurately managed by our personnel, from the manufacturing phase through assembly to plant commissioning.

Afterwards, you will need to arrange personnel training, make sure that structures are always efficient and compliant with regulations, enlarge plants and meet new challenges: you can count on our full support throughout the process.

Guarantees and reliability

The satisfaction of our regular clients is our best guarantee.

By choosing us, you will benefit from:

- 40 years of growth and development
- Specific know-how in the sector
- A manufacturing company that places great emphasis on research
- Dynamism, growth and innovation
- Our well established presence in the Italian and European market
- A manufacturing site of 18,000 sqm., with over 150 employees

6 ADVANTAGES FOR YOUR COMPANY

1.

STREAMLINED
WORKFLOW

2.

LOWER
LOGISTICS
COSTS

3.

ERROR
REDUCTION

4.

FULLY
SAFE
OPERATIONS

5.

RESOURCE
OPTIMIZATION

6.

PERSONNEL
MOTIVATION



THE START OF A NEW ADVENTURE! FREE ON MODULBLOK APP
IT'S EASY: FIT THIS PAGE WITH YOUR SMARTPHONE / TABLET
AND LOSE YOURSELF IN AUGMENTED REALITY
> DOWNLOAD THE FREE APP, AVAILABLE ON [GOOGLE PLAY](#) [APP STORE](#), [WWW.MODULBLOK.COM](#)



CREATE SAFE WORK ENVIRONMENTS

We design your warehouse with the same dedication we show in our manufacturing sites, the same care to every single detail and the same emphasis we place on the value of life.

The rigorous design and the correct dimensioning of the structures makes them resistant to even the most extreme stresses, such as seismic forces.

The adoption of automated systems reduces human intervention and the use of PPE to a minimum and at the same time it decreases accident risk and error probability.



 [WWW.MODULBLOK.COM](#)

[INDEX](#)

[APP DOWNLOAD](#)

[CONTACT](#)

[<< BACK](#)

[GO ON >>](#)



THE START OF A NEW ADVENTURE! FREE ON MODULBLOK APP
IT'S EASY: FIT THIS PAGE WITH YOUR SMARTPHONE / TABLET
AND LOSE YOURSELF IN AUGMENTED REALITY
> DOWNLOAD THE FREE APP, AVAILABLE ON: GOOGLE PLAY APP STORE, WWW.MODULBLOK.COM



CASE STUDY



PORTA BICI MANDELLI

Abbiamo così realizzato un multi piano, con 3 livelli di camminamento più terra, servito da un montacarichi per la movimentazione delle cassette. Inoltre è stato realizzato un particolare "appendi bici" utilizzando un comune gancio in commercio con una flangia a omega, e relativi bulloni, in modo da spostare liberamente le bici appese a seconda delle [...]



KING: MAGAZZINO PORTAPALLET PER LO STOCCAGGIO DI VITERIE INOX

Servito da carrelli retrattili / Commissionatori. Con i carrelli Commissionatori viene fatto il piking da piano a terra fino al 4° piano. Sui restanti piani vengono stoccati palletti completi. Il cliente ha scelto di dividere i colori dei carrelli per visionare meglio i prodotti stoccati nei palletti creando 3 zone di prelievo: Gialla, Arancio e [...]



AMPLIAMENTO MAGAZZINO CENTRALE F.LLI LANDO, PIANIGA

Ampliamento del magazzino centralizzato per lo stoccaggio e la distribuzione di pallet di prodotto alimentare secco e in celle frigo a temperatura positiva 4/6 C°. Impianto Portapallett sismoresistente per zona sismica 4, progettato nel rispetto delle norme antincendio mediante l'integrazione di pacchetti di controvento con gli impianti sprinkler a tre calate. La superficie complessiva è di circa [...]



IL MAGAZZINO CON ALTA CAPACITÀ DI STOCCAGGIO PENSATO PER ASTERCOOP

È la scaffalatura portapallett su tela pushback realizzata da Modulblok per Astercoop, azienda che si occupa per altre attività economiche, della gestione della catena di distribuzione. Raccolte le esigenze del cliente, che chiedeva di stoccare il maggior numero di pallett all'interno di uno spazio già definito, potendo anche effettuare delle operazioni di movimentazione delle merci, [...]

OPT FOR COMPANIES INVESTING IN RESEARCH

Cooperation as a way to grow and innovate

By choosing our company, you will benefit from a Centre for Studies and Research which cooperates on a regular basis with the most qualified universities in the field of rack design, conducting rigorous laboratory tests and studies.

- Università di Udine: Dipartimento di Ingegneria Civile e Laboratorio Ufficiale Prove Materiali.
- Università di Trento: Dipartimento di Ingegneria Strutturale
- Politecnico di Milano
- Università di Aachen in Germania
- Università Tecnica Nazionale di Atene
- Università di Liegi in Belgio
- Griffith University in Queensland - Australia

In addition to all this, we perform in-house numerical analyses and experiments.

Sharing as a way to evolve

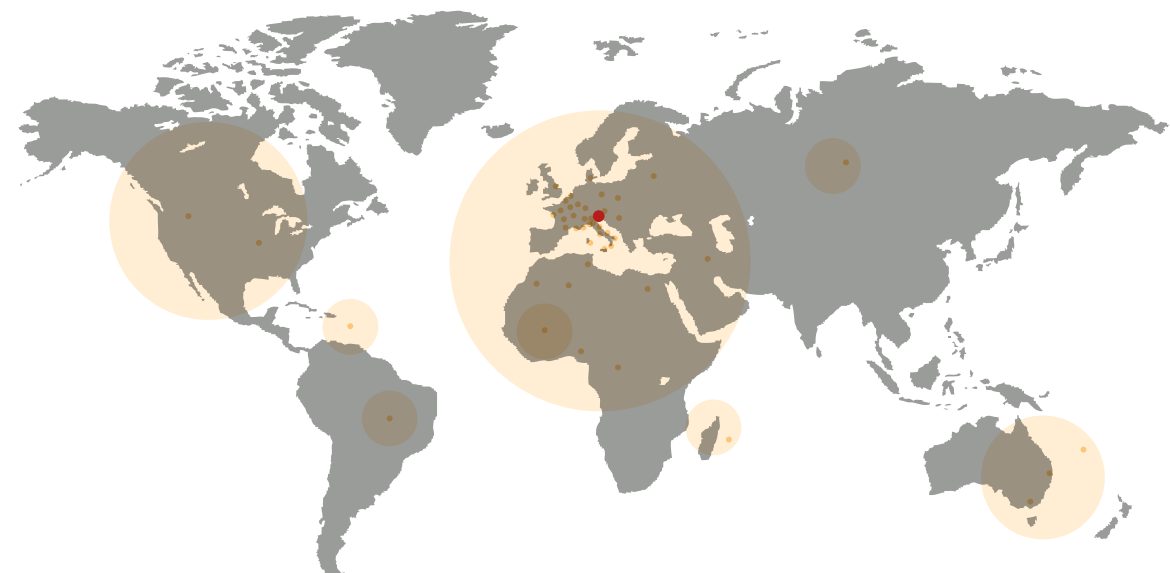
We look to the future with versatility and transparency, sharing our knowledge and expertise and working in cooperation with Companies that operate in the same segment, with the aim of growing together and always offering the best in the market of logistics.

Invest in order to progress

Warehouse development is automation-oriented. For this reason, we are investing a lot of resources in research and development in cooperation with our partner companies, which stand out as the most qualified in the segment.

Charting a new course for the common good

Modulblok is the only Italian company participating in the "Seisracks 2" project, the most important European research project on the behavior of racks in seismic areas, supervised by the Polytechnic University of Milan.



INSIST ON QUALITY

If you are looking for stable, solid, versatile, expandable and safe structures of proven reliability which are also earthquake-proof, you are making the right choice because racks... may just seem identical!

Be ahead of time

To rely on our technicians means working with the active members of UNI and CEN, the major authorities for the certification of Italian and European legislation, and also understanding the importance of acting according to protocols and meeting certification requirements for a rigorous and accurate design phase.

Quality from the onset

To guarantee the quality of its products, Modulblok uses only certified steels and performs regular tests on purchased material. Furthermore, traceability of raw material along the supply chain is guaranteed for each production batch.

Reliability and compliance for each single process

The automated production process entails roll forming, press brake bending of metal sheets, welding and painting. Each production cycle is monitored to offer maximum and constant reliability. Welding operations are certified by RINA which is a point of reference for the certification of welders and welding processes.

Continuous improvement

For years, Modulblok has been operating in line with the principles of *Lean Thinking* according to which continuous improvement lies in the awareness of everyone's specific role and in the understanding and adoption of the underlying Lean philosophy. We are constantly calling into question what we do in the search for the *Best Practice* in both manufacturing activities and process reengineering.

We are aware that *acting Lean* means first of all being able to correctly understand the concept of *People First*, according to which everyone must have the opportunity to show their own characteristics and develop their talents to be the right person in the right place.

This is how we construe the *Lean Thinking* philosophy.



HEALTH FIRST

If you think, as we do, that a satisfied employee working well and in full safety is more engaged and productive, then we are in agreement.

Just as the warehouses we create for our customers, our production areas are clean, safe and power-assisted environments.

The training of our employees and their active engagement results in higher productivity and profitability.

Our know-how is at your disposal.



THE START OF A NEW ADVENTURE! FREE ON MODULBLOK APP
IT'S EASY: FIT THIS PAGE WITH YOUR SMARTPHONE / TABLET
AND LOSE YOURSELF IN AUGMENTED REALITY
> DOWNLOAD THE FREE APP, AVAILABLE ON [GOOGLE PLAY](#) [APP STORE](#), WWW.MODULBLOK.COM



OPTIMIZE SPACE AND TIME

Create more space

The solutions we accurately design for you can help maximize your space. For maximum efficiency, warehouses can be equipped with automatic handling systems and manufactured with self-carrying racks.

Designed to withstand the test of time

Our systems are designed to streamline all warehouse operations and withstand the most severe operating conditions. Material handling becomes easier, faster and safer. Resistance to the most severe weather and environmental conditions and wear is guaranteed by the high quality of materials and the painting coating.



THE START OF A NEW ADVENTURE! FREE ON MODULBLOK APP
IT'S EASY: FIT THIS PAGE WITH YOUR SMARTPHONE / TABLET
AND LOSE YOURSELF IN AUGMENTED REALITY
> DOWNLOAD THE FREE APP, AVAILABLE ON GOOGLE PLAY APP STORE, WWW.MODULBLOK.COM



PALLET STORAGE SYSTEMS WITH RADIO CONTROLLED SATELLITE

Storage systems equipped with radio-controlled satellites represent a new development in the field of classical drive-in accumulation storage systems. In their FiFO (First in – First out) and LiFO (Last in-First out) configurations, they are ideal for storing food in ambient temperature rooms and in cold rooms, making much easier and safer to pick-up the load units located inside the storage system corridors.

AUTOMATED PALLET STORAGE SYSTEMS EQUIPPED WITH TRAVELING LIFTS

Load unit automated storage systems represent the best solution for optimizing the use of available space. The operating machines managed by special software operate in the corridors without the need for personnel, ensuring optimized storing and pick-up speed as well as excellent safety. It is possible to choose among multiple depth models. They also allow, through computerized management, proper and quick storage management, at both the entrance and exit of goods.

SELF-CARRYING WAREHOUSES

The self-carrying storage systems are designed and manufactured combining the two basic components of any storage warehouse: “rack” and “building”. In fact, the “rack” element is sized to support the loads (pallets or other load units) but also the elements of the building (the roof, the walls, the gates and other parts). Normally these are warehouses with intensive storage.

 WWW.MODULBLOK.COM

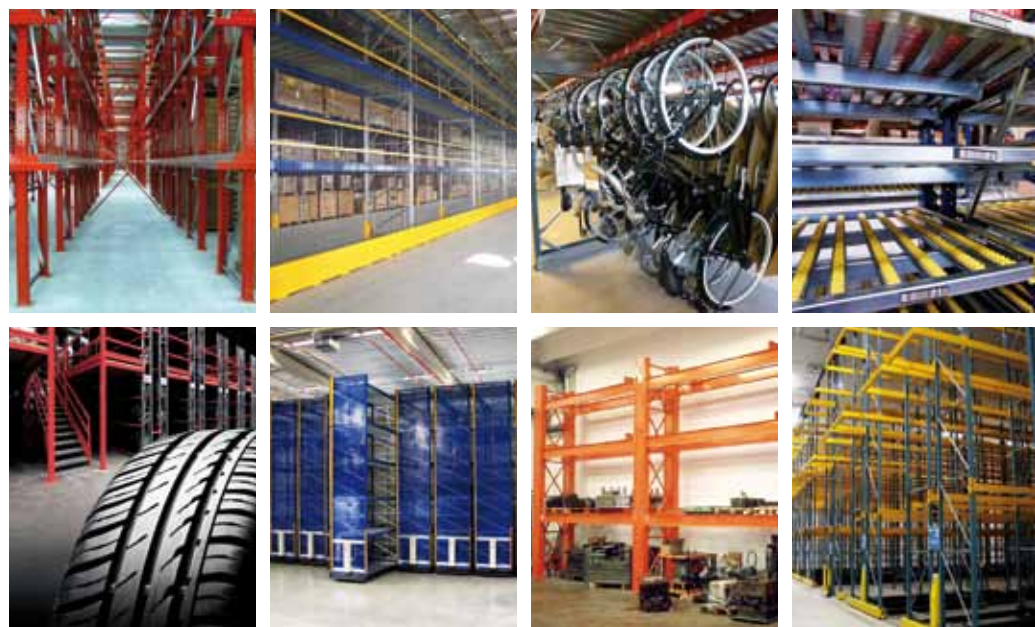
INDEX

APP DOWNLOAD

CONTACT

<< BACK

GO ON >>



PALLET RACKS

Offering maximum flexibility of use Modulklok modular locking pallet-racks are equipped with a complete range of accessories and can be adapted to many configurations.

DRIVE-IN RACKS

Modulklok drive-in racks are designed with corridors for the intensive storage of pallets. And extreme optimization of warehouse space is allowed.

MOBILE RACKS

The dynamic powered mobile racks driven by Modulklok electro-mechanical moving system allow reducing corridor space, making the most out of the space available.

GRAVITY RACK

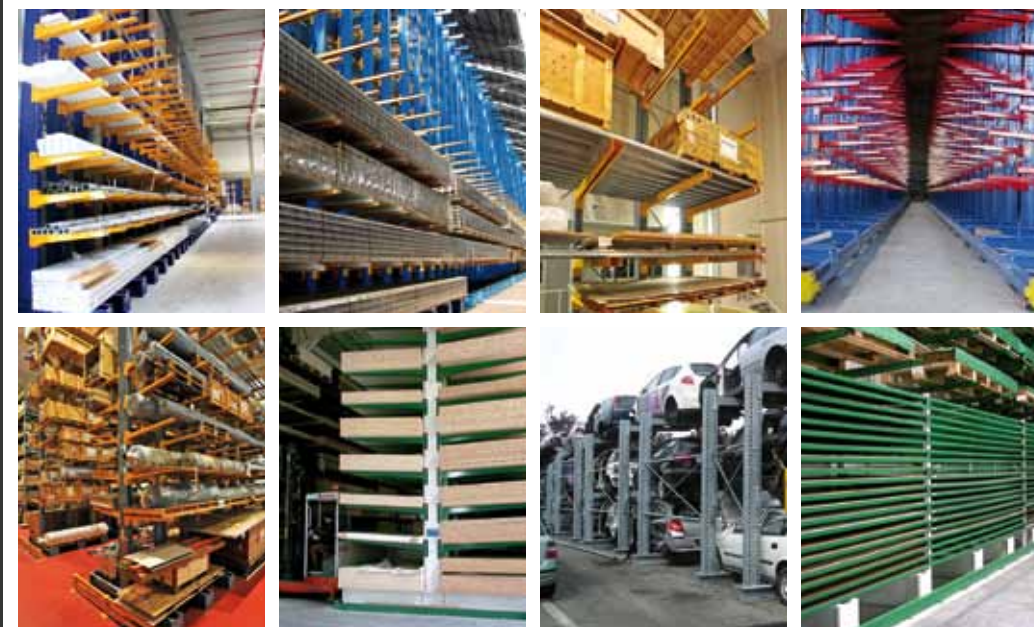
A high-density storage system that allows the storage of load units according to the formula FIFO (First In – First Out), ensuring proper rotation especially for perishable goods (food sector). The load units (Pallets normally forked from the 800mm side) move to the pick-up side by gravity; their speed is controlled by special brake rollers.

PUSH-BACK RACK

An accumulation storage system through compactable frameworks assembled on sliding guides that allows storing up to 6 pallets on the shelf depth.

SUPER PALLET RACK FOR HEAVY LOADS

It is particularly suited for the storage of heavy goods. This system allows the storage of pallets or containers for molds, sheet metals, coils, and chokes.



CANTILEVER

The Modulklok Cantilever rack, consisting of adjustable arms and columns, is ideal for the storage of long and bulky loads such as bars, pipes, profiles, plates, timber in general and sheet metals; the cantilever can be used one-sided or double-sided, many variations are possible. Suitable for forklift truck and crane handling.

MOBILE CANTILEVER RACKS

Modulklok cantilever racks can also be used on compactable mobile bases. This type of solution allows optimizing the space available by reducing the dimensions of the pick-up corridors.

CANTILEVER RACKS FOR A CONTINUOUS STORAGE

Modulklok cantilever racks for a continuous storage are equipped with shelves (in wood or steel) fastened on the arms . Ideal solution for the storage of units loads and any loose material.

OUTDOOR CANTILEVER

Modulklok cantilever racks can be used also for the storage of materials in outdoor areas; the special finish through hot dip galvanizing ensures durability, protecting the rack against weather agents. It can also be designed with roof and wall-paneling to protect the goods stored.

LIGHT CANTILEVER: MODULEVER

It represents a light Cantilever and it offers endless possibilities for the storage of long and relatively low weight loads; it is mainly used in the wood sector (side wall panels, baseboards) or in the aluminum one (profiles, bars, etc.). The racking can be single-faced or double-faced, depending on whether the shelves are hooked on one side of the column, or on both sides. The stored materials are generally moved by forklifts or by hand.



SHELF RACKS

This Modulblok shelf rack is designed for the storage of loose goods and it is suitable for medium-high load capacities. Particularly ideal for the construction of dual-use plants (pallet racks and picking) it can reach considerable heights and significant load characteristics.
The shelves are in steel, closed or perforated, with heavy loading capacity

INDUSTRIAL MEZZANINES

Modulblok industrial mezzanines can be manufactured both with hot rolled section bars (IPE and HEA) and cold formed section bars (TP Mezzanine). Depending on the various configurations, they can guarantee very high capacities and allow bays of considerable dimensions.

MEZZANINES

Modulblok mezzanines are manufactured with industrial jointed racks that make them very flexible. They can reach important heights by using two or more catwalk levels. The mezzanines are equipped with a wide range of accessories that ensure maximum safety and reliability.

LIGHT RACKING: EASY BLOK RACK

The Easy Blok racks are designed to meet storage needs for light to medium loads. However, their solidity can guarantee remarkable heights (higher than 4 meters) and high capacities respect to what is standard on the market.

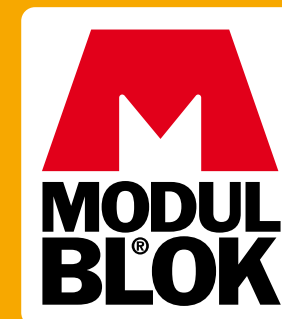
LIGHT RACKING: REX RACK

Rich in accessories and components, the REX rack can also be adapted for use other than storage in an industrial warehouse. In fact, its finishing quality allows it to be installed in shops or retail outlets.



**FOR THE
CONTINUOUS
RESEARCH
OF NEW SOLUTION
AND INNOVATIONS,
WHICH ALLOWS
A CONSTANT GROWTH
MODULBLOK
IS THE RIGHT CHOICE!**





TECNOLOGIE E
LOGISTICHE DI MAGAZZINO

MODULBLOK

Head office

Via Vanelis, 6

33010 Pagnacco (UD) ITALY

Tel. +39.0432.661711

Fax +39.0432.661235

Factory

33020 Amaro (UD) ITALY

Zona Industriale

Tel. +39.0433.94278

Fax +39.0433.94330

WWW.MODULBLOK.COM
INFO@MODULBLOK.COM
CONTACT FORM

INDEX

APP DOWNLOAD

<< BACK