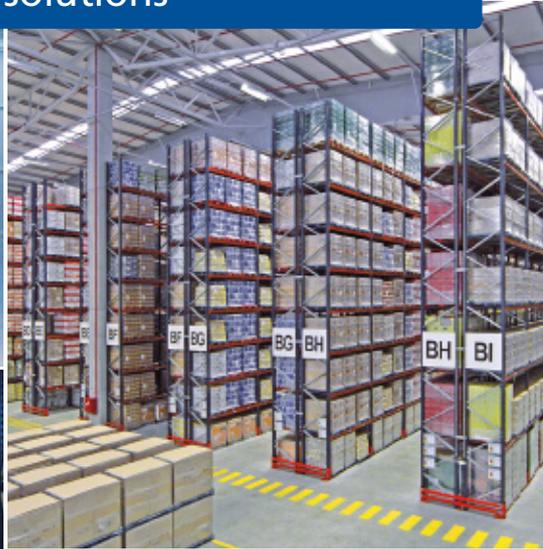


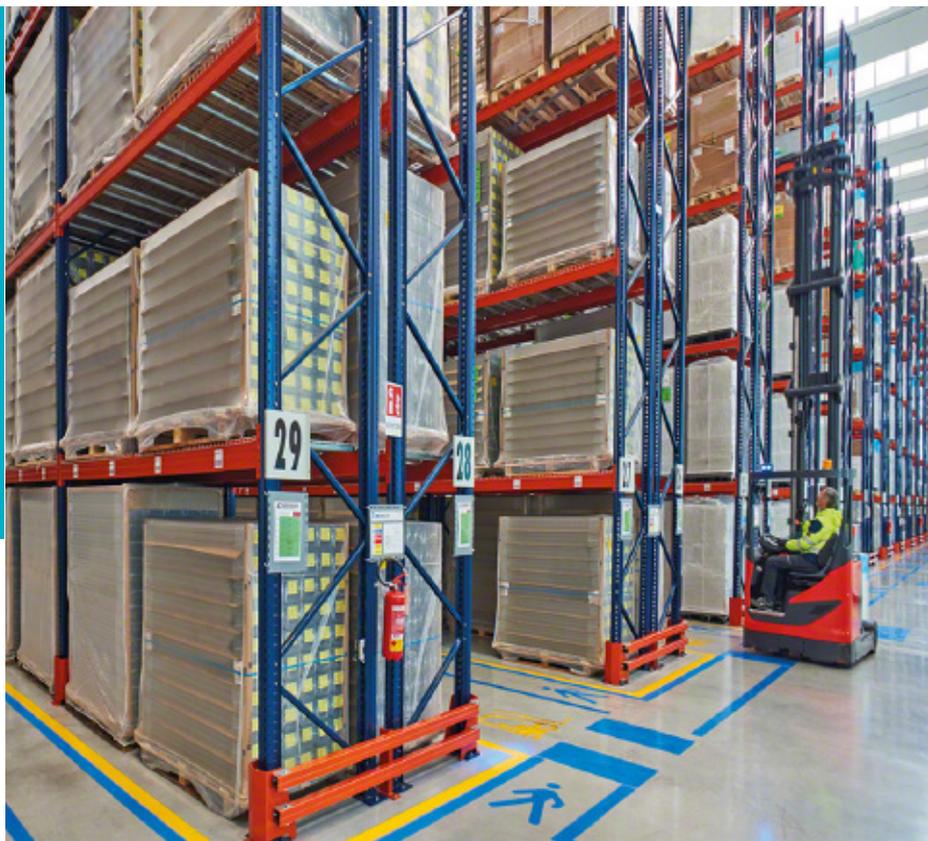


# MECALUX

## Storage solutions

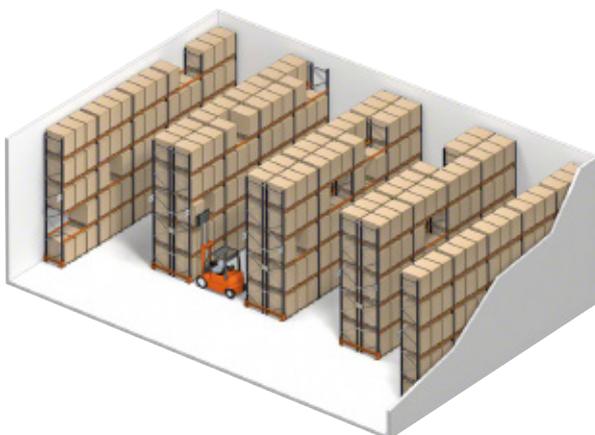


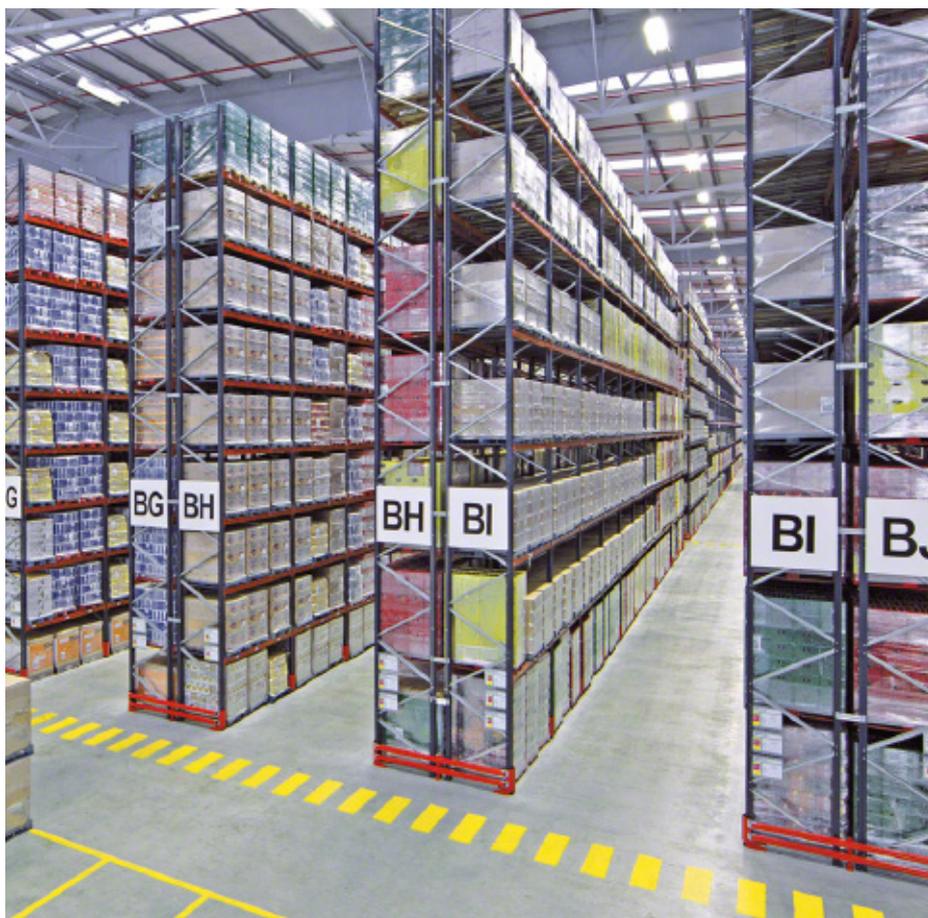
A solution for every storage need



## Conventional pallet racking

- The optimum solution for warehouses containing palletised products and a wide variety of SKUs.
- Direct access to every single product.
- Easy stock control: each storage space holds one pallet.
- Adaptable to any space, weight or sized product.





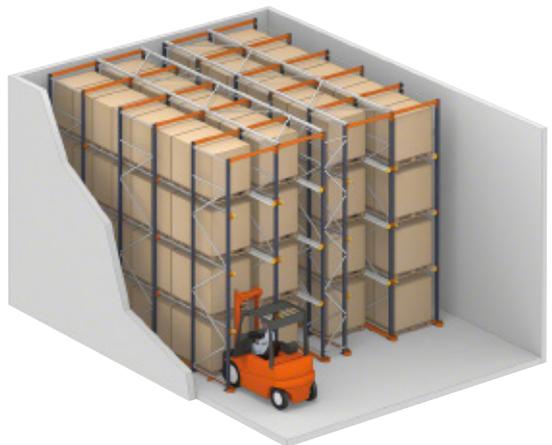
Innovative safety locking system that prevents accidental or deliberate movement of the beam, ensuring the resilience and stability of the racks.

Double-deep racks can be installed to increase storage capacity.



## Drive-in pallet racking

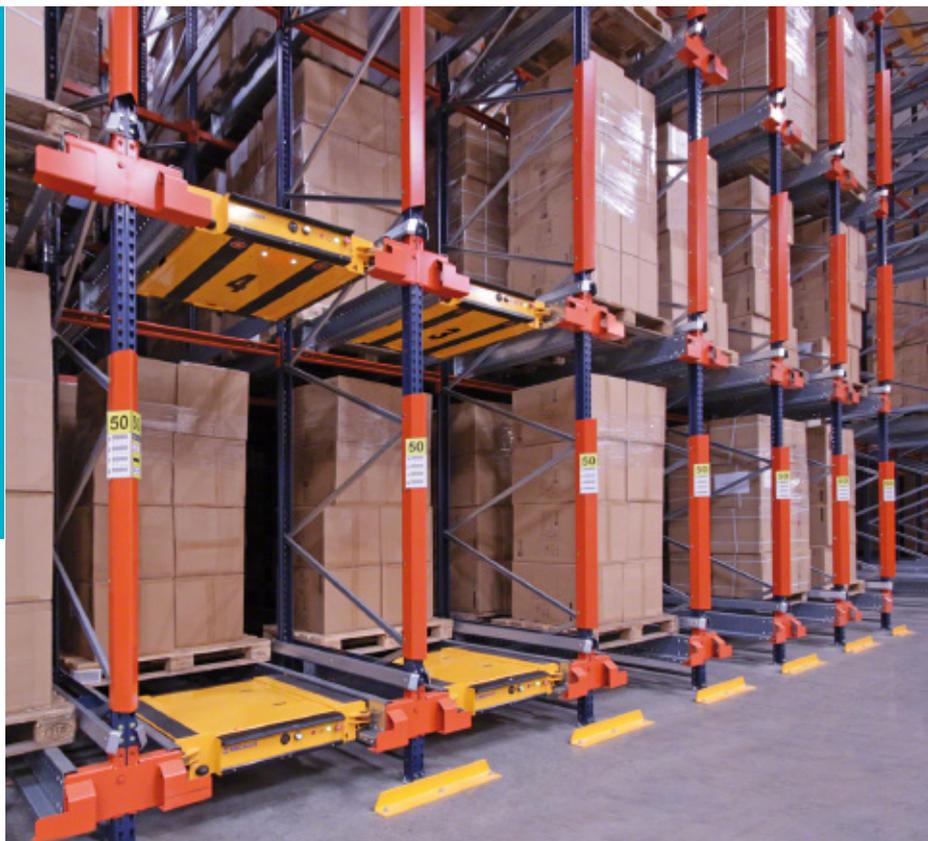
- Maximum use of the space available, both in terms of surface area and height (up to 85% space used).
- Suitable for homogeneous products with a large number of pallets per SKU.
- No aisles between the racks.





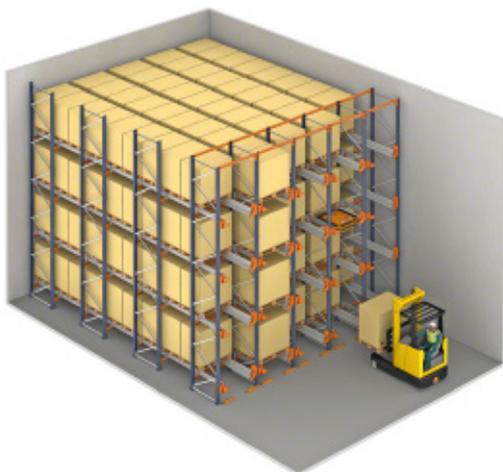
Can be used with either LIFO (Last in, First out) or FIFO (First in, First out) when there are more than three lanes per SKU.

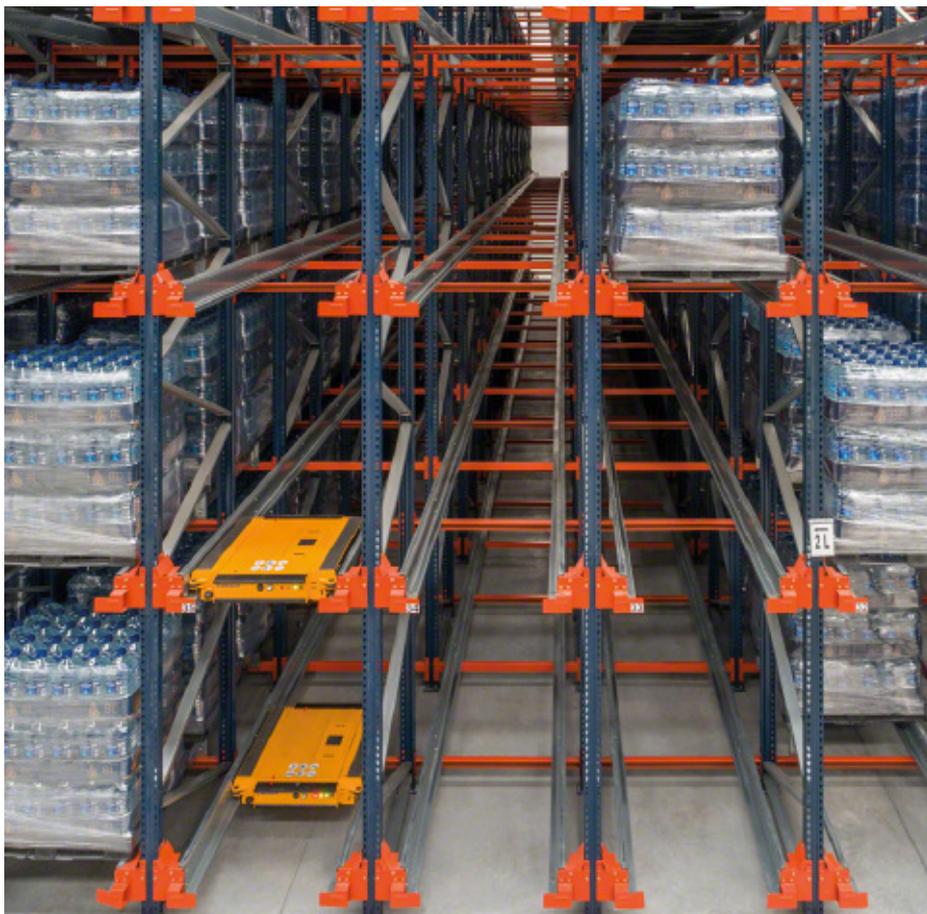
Ideal for cold storage where full use of available storage space is needed.



## Semi-automatic Pallet Shuttle

- Compact, high-capacity system for storage up to 40 m deep.
- High productivity: increased pallet flow per hour.
- Greater diversification: one SKU per storage channel.
- Maximum safety: less damage and fewer accidents.
- Ideal for storing consumer products with a high pallet turnover.





User friendly: the control system uses a tablet with a wifi connection.

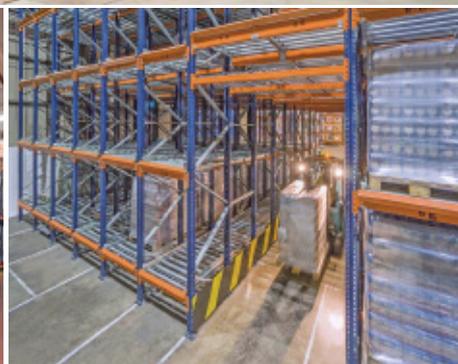
Installations with the semi-automatic Pallet Shuttle allow for both LIFO and FIFO operations.



## Live pallet racking

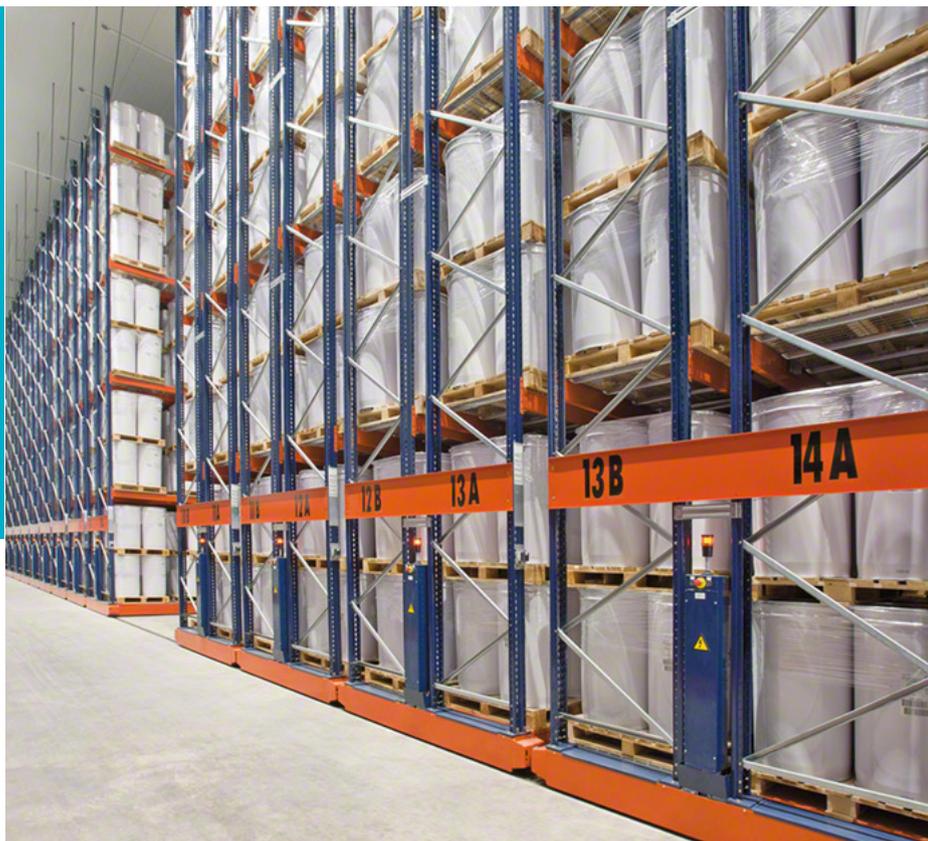
- Perfect FIFO pallet turnover: the first pallet in is the first pallet out.
- The ideal system for perishable goods.
- Saves pallet handling space and time.
- Optimum use of space.
- Eliminates pass-through interference.





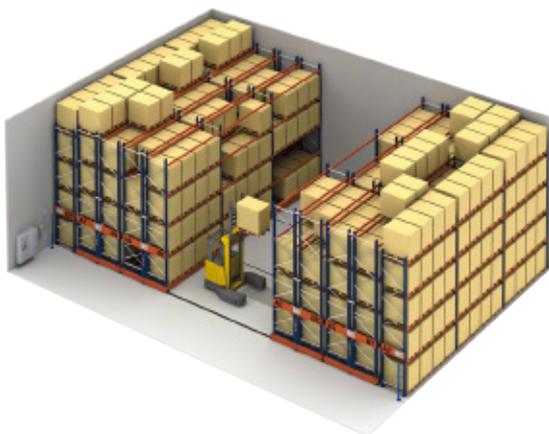
The live pallet system ensures a continuous flow of goods.

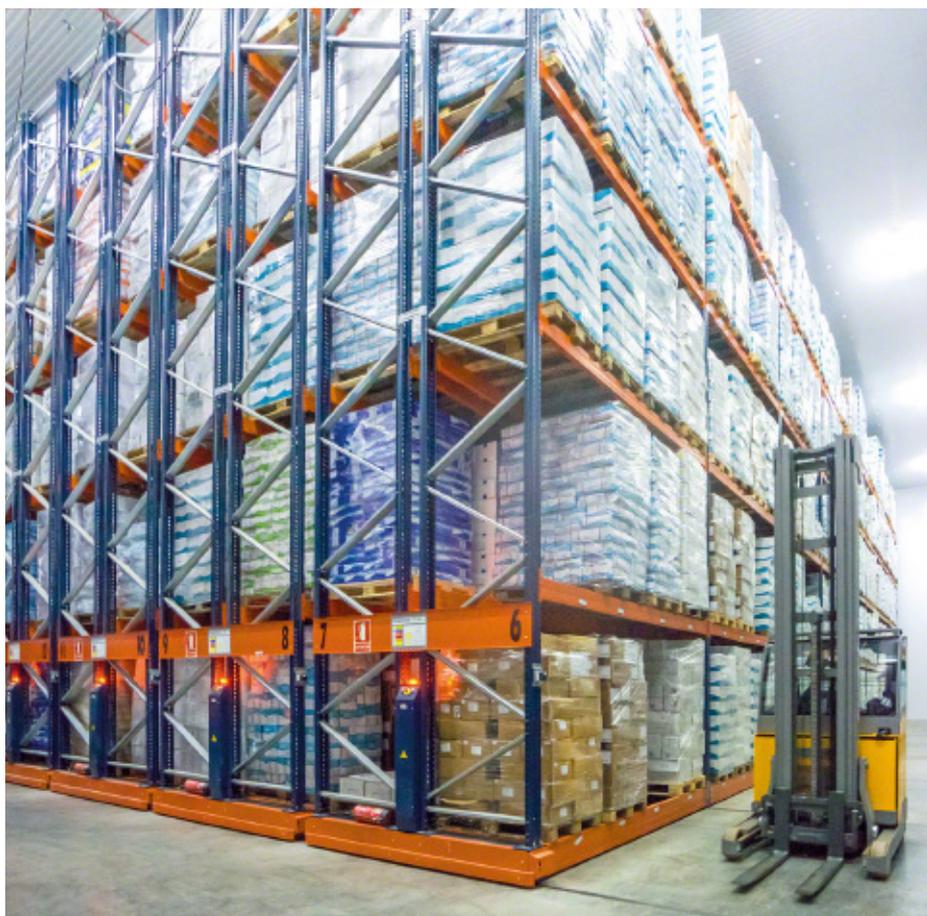
Maximum capacity: only two transit aisles are needed; for loading and unloading.



## Movirack mobile pallet racking

- Optimises space and considerably increases total storage capacity.
- Direct access to each pallet.
- As the racks are on mobile bases, only one aisle is needed to access the products.
- Suitable for cold storage and freezer stores and to store low turnover products.





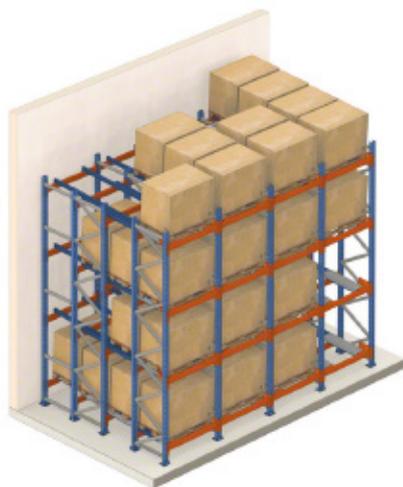
The system includes various safety features, such as aisle optical safety barriers, proximity photocells, reset buttons, etc.

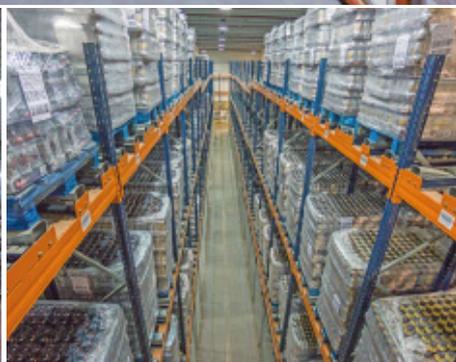
With only one aisle needed for access, using mobile bases frees up storage space or doubles the capacity of the same size space.



## Push-back pallet racking

- Excellent use of space: up to four pallets deep.
- Loading and unloading take place in the same aisle (LIFO system, the last pallet in is the first pallet out).
- Ideal for products with a medium turnover.
- Each channel can be used to store a different SKU.
- Cuts loading and unloading times.





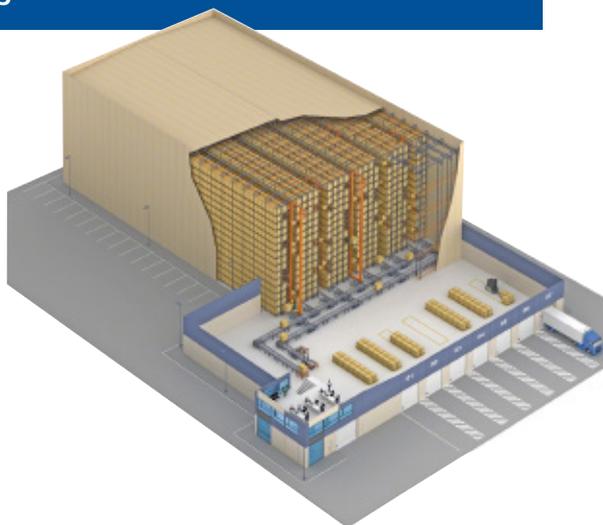
This extremely versatile system can be adapted to hold 2, 3 or 4 pallets deep.

A variation of the push-back system with rollers and a LIFO system can store pallets up to 6 deep.



## Clad-rack warehouses

- Major feats of engineering in which the racking forms part of the building.
- The best solution for storage at great heights with the maximum use of the available surface.
- Storage for a wide range of goods.
- High performance: different degrees of automation can be incorporated.





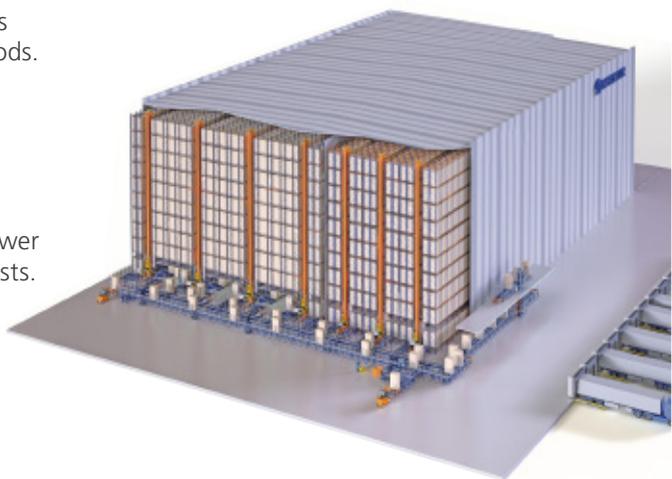
Clad-rack warehouses can use either automated systems or pallet racking, drive-in and cantilever racking, or the Pallet Shuttle, etc.

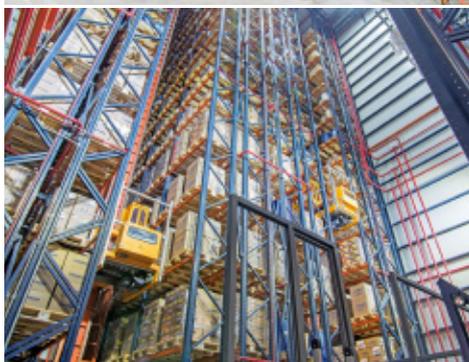
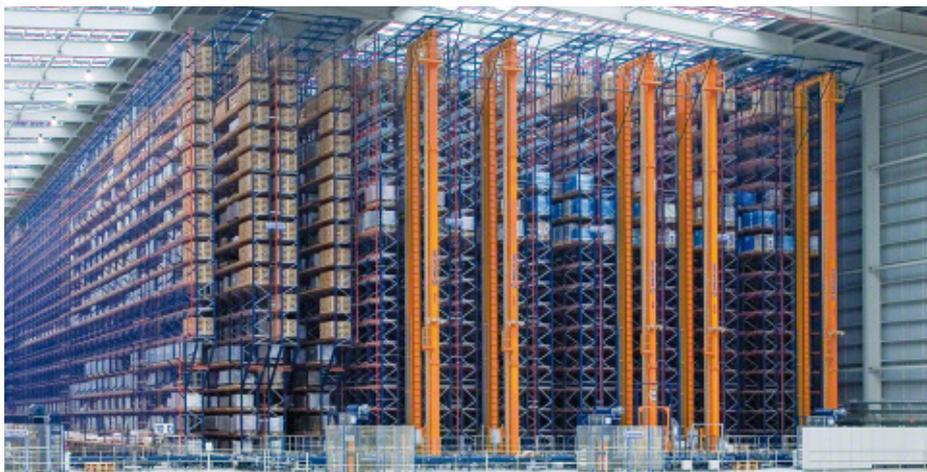
Huge storage capacity, as the facility can be up to 45 m high.



## Automated warehouses for pallets

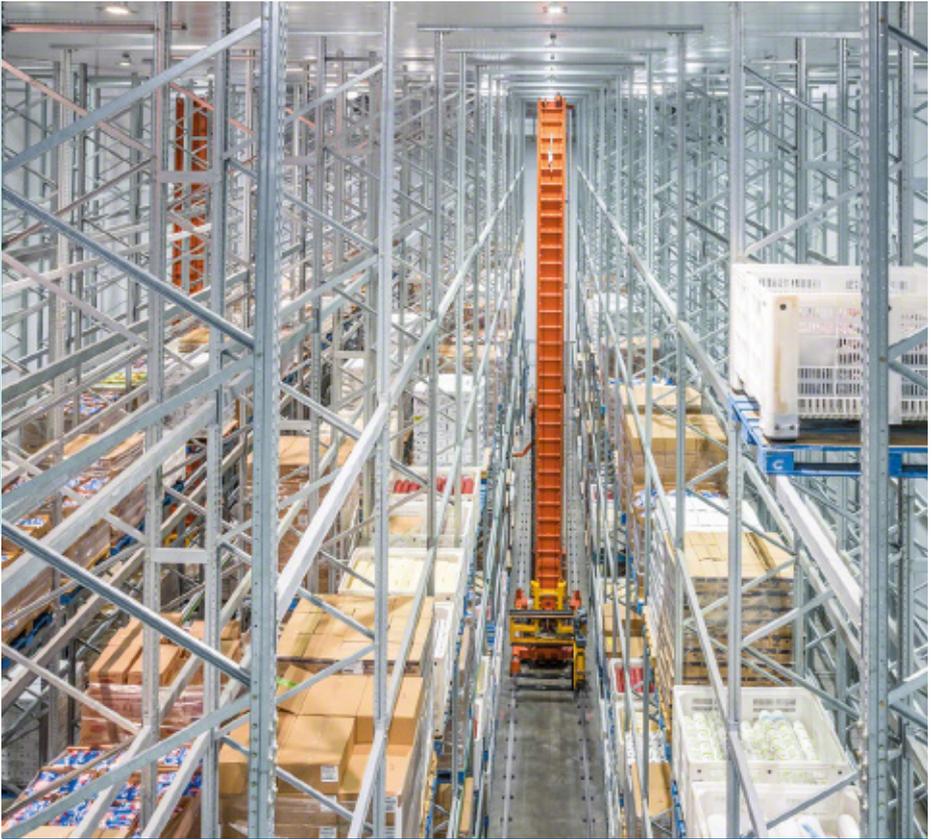
- Highly productive processes for the entry and exit of goods.
- Elimination of errors stemming from manual management.
- Real-time inventory.
- Great profitability due to lower labour and maintenance costs.
- Optimum use of space.
- Loading is absolutely safe.





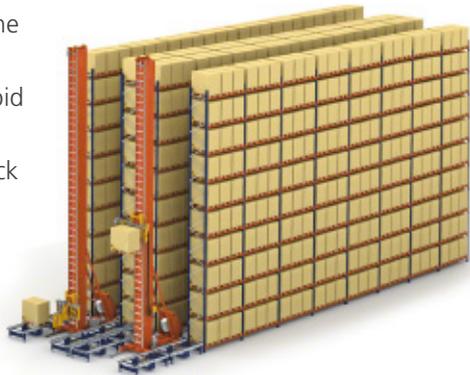
Highly efficient in industries such as foodstuffs, automotive, pharmaceuticals, spare parts, metal works, chemicals, ceramics, etc.

Optimised product entry, location and exit functions controlled by the warehouse management software.



## Automatic trilateral stacker cranes

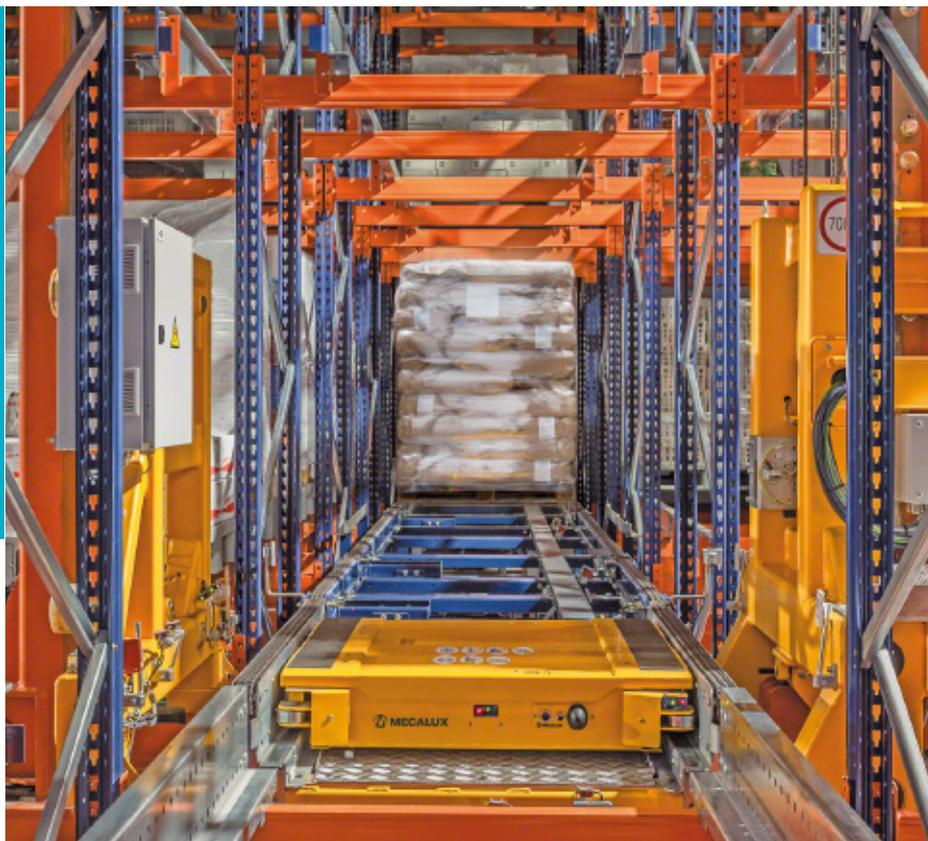
- The perfect solution for automating pallet racks up to 15 m high, without altering the structure of the warehouse.
- Inexpensive automation with a rapid return on investment.
- Uses all available space as it can pick up pallets from level 0.
- Lowers operating costs.
- Improves the safety of the facility.
- Low maintenance costs.





Integrated, trilateral extraction system with a rotating head that picks up and drops off pallets in three positions.

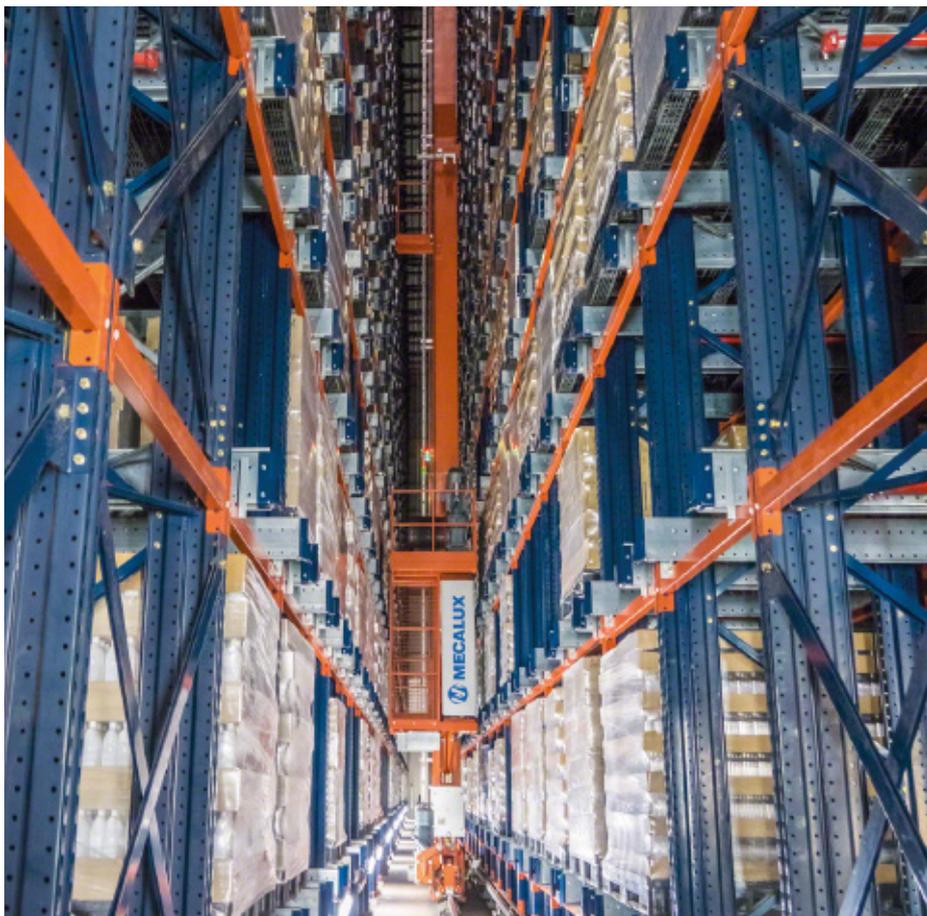
Easy to implement in both new and existing warehouses, as no changes are required to the warehouse structure.



## Automatic Pallet Shuttle

- Greater storage capacity.
- Automated management.  
Elimination of errors.
- Increased productivity.  
Boost the number of pallets/hour cycles.
- Reduced labour and energy costs, and floor area.
- Reduced risk of accidents and absolute control of the goods.





In combination with stacker cranes or pallet lifts, the Pallet Shuttle system reaches a storage height of up to 40 m.

The automatic shuttle with transfer car provides high capacity and a high pallet/hour throughput.



## Conveyor systems for pallets

- Fully automated material handling.
- Reliability: constant flow of products.
- Fewer accidents and errors compared to manual transport.
- A wide range of components for different combinations and circuits.





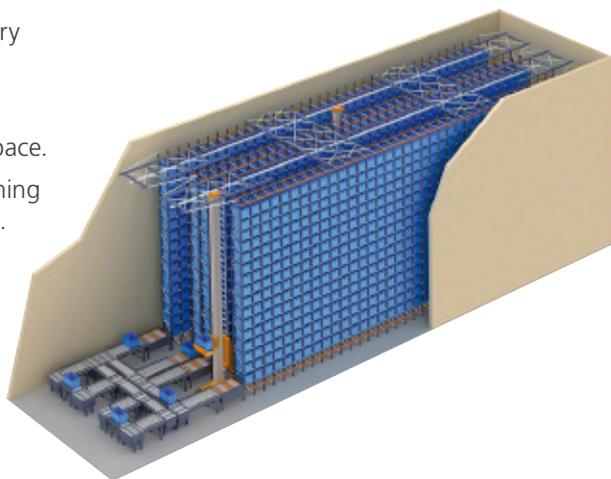
The lifts move the goods to different levels.

Maximum standardisation of sizes and components to make production easier and cheaper.



## Automated warehouses for boxes

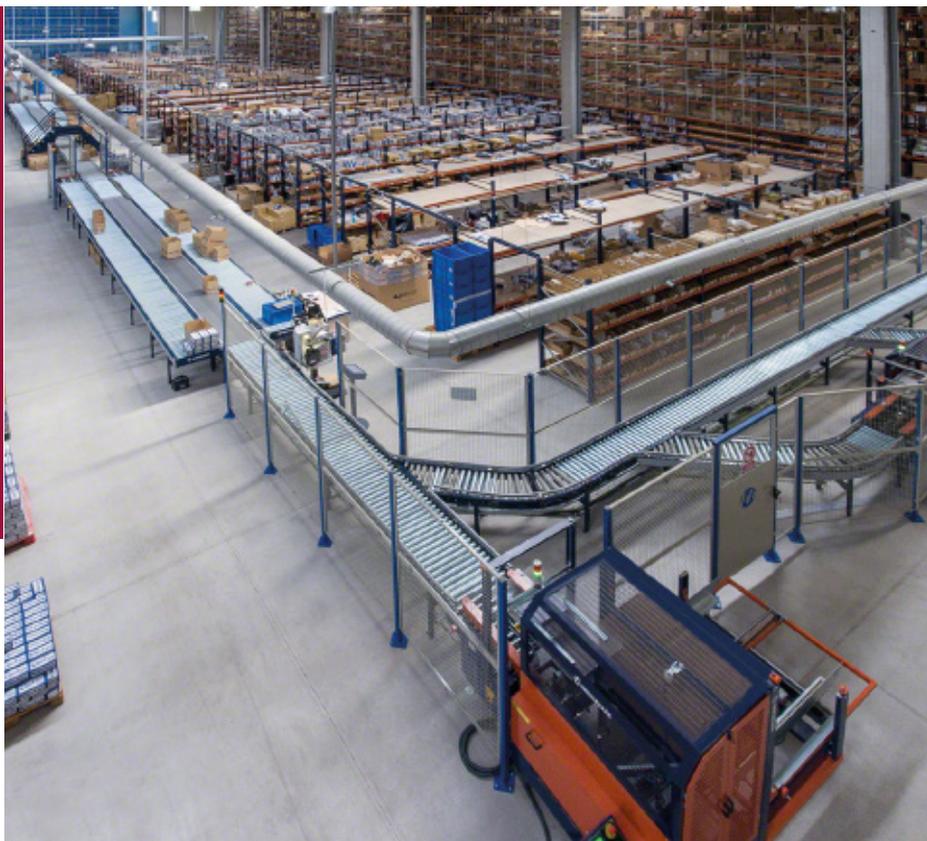
- Completely automated entry and exit.
- Great productivity.
- Excellent use of available space.
- Elimination of errors stemming from manual management.
- Real-time inventory.
- Ideal for the storage of small loads.





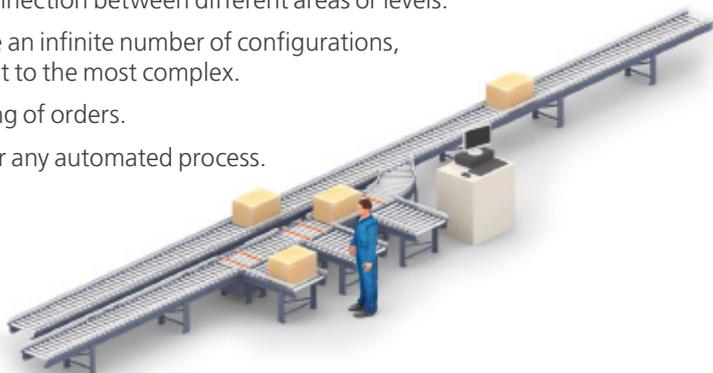
Ideal for storage and picking using the "goods-to-person" concept.

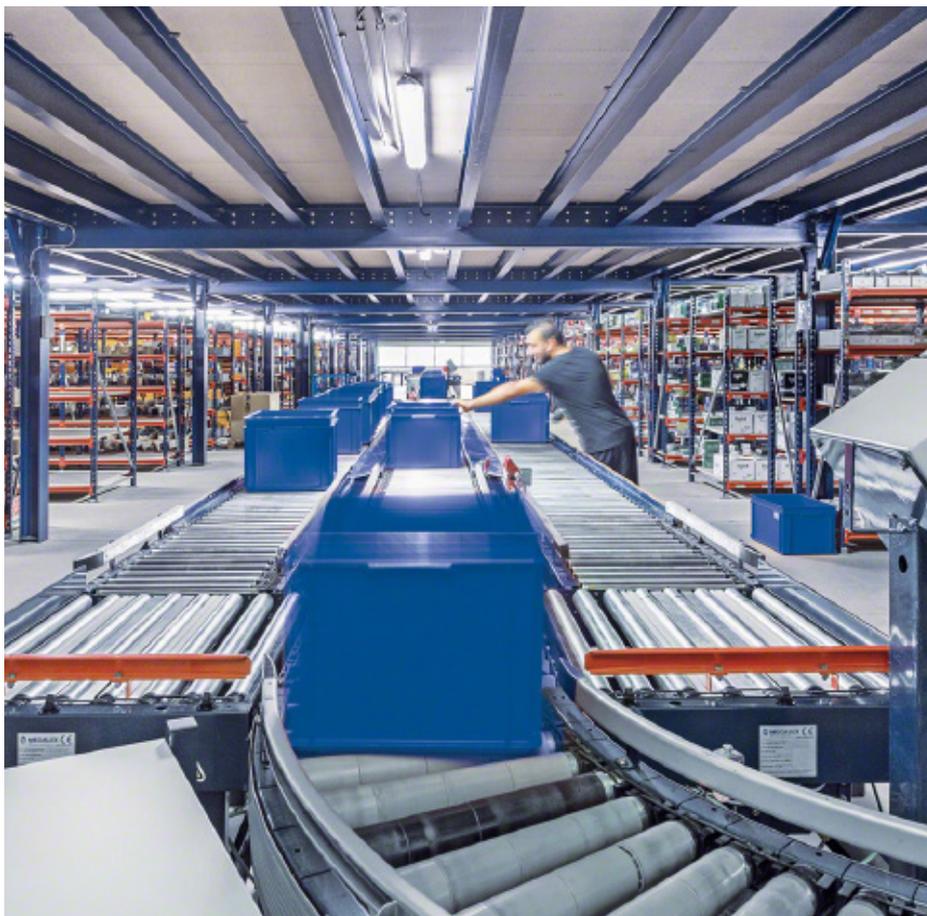
Integrates the racking, stacker crane and warehouse management software rolled into one.



## Conveyor systems for boxes

- Speeds up the installation's handling of goods.
- Improves the connection between different areas or levels.
- Circuits can have an infinite number of configurations, from the simplest to the most complex.
- Allows the sorting of orders.
- Indispensable for any automated process.





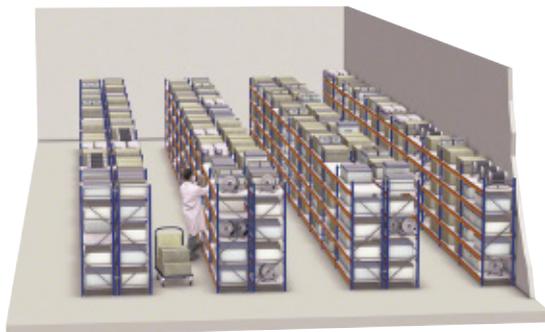
A wide variety of circuits can be configured, with straight sections, curves, inclines and even different levels.

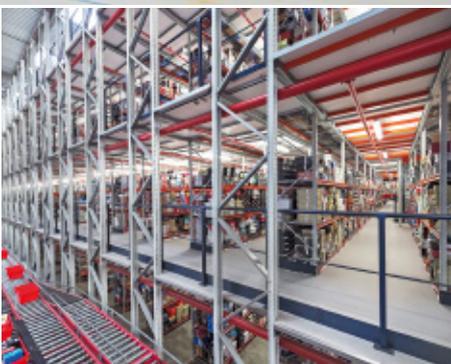
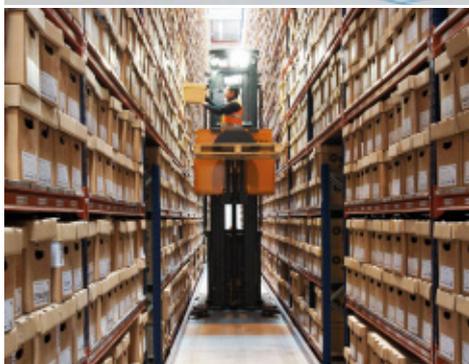
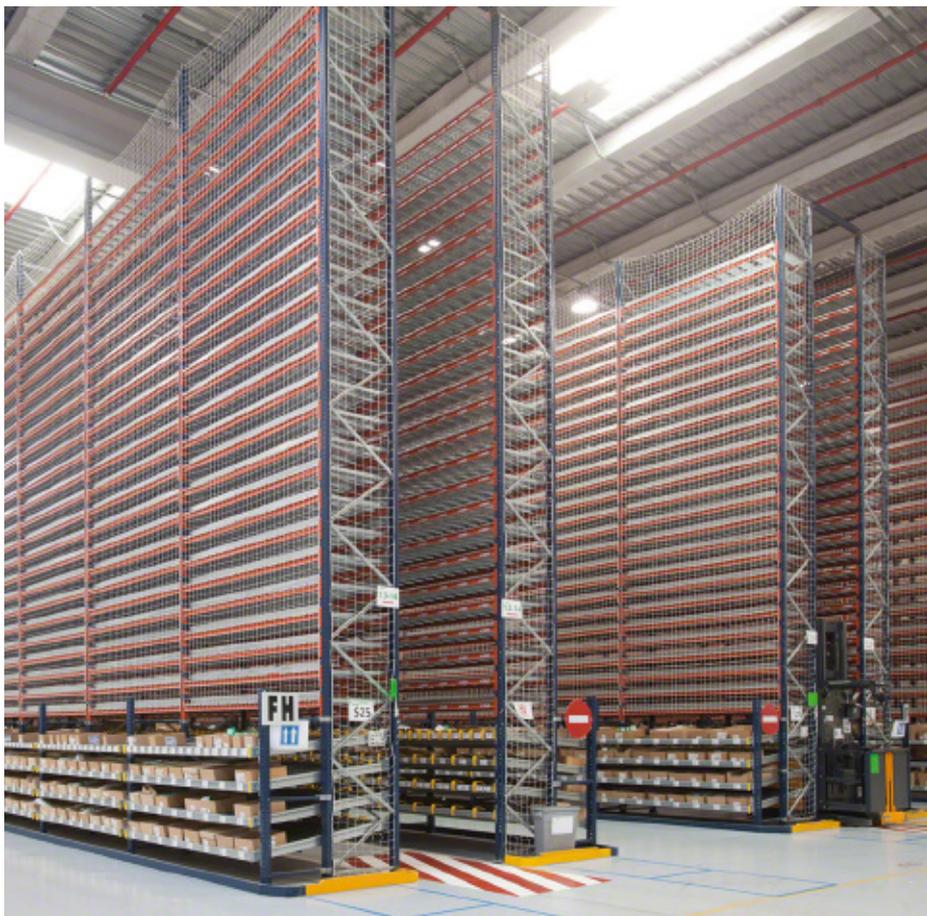
They can be combined with any type storage system.



## M7 Longspan Shelving

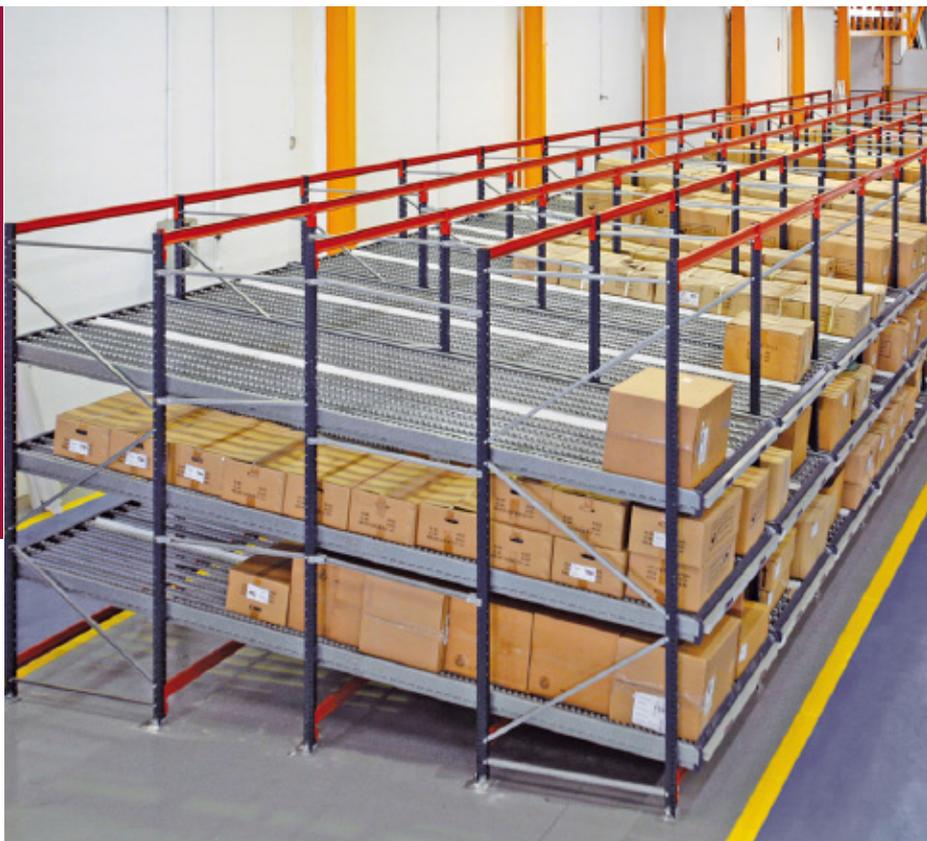
- Optimum solution for manually storing medium and heavy loads.
- Great load resistance with a load capacity per shelf of up to 650 kg.
- Ideal for varying articles and split turnover.
- Multiple accessories for storing products with special shapes: tyres, clothing, spare parts, etc.





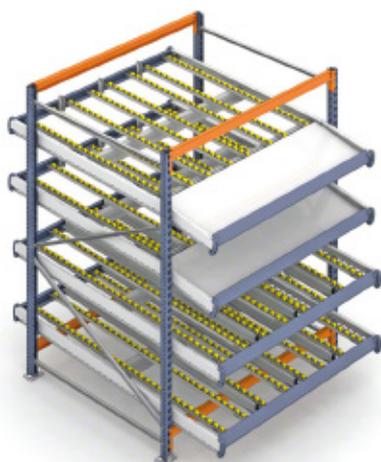
With narrow aisle handling equipment, shelves can reach up to 20 m high.

If walkways are placed, the height of the warehouse is visibility optimised.



## Carton live storage

- Perfect stock turnover (FIFO system, the first box in is the first box out).
- More SKUs at the front of the shelves.
- Reduces product preparation time.
- Prevents interference with restocking and picking tasks.

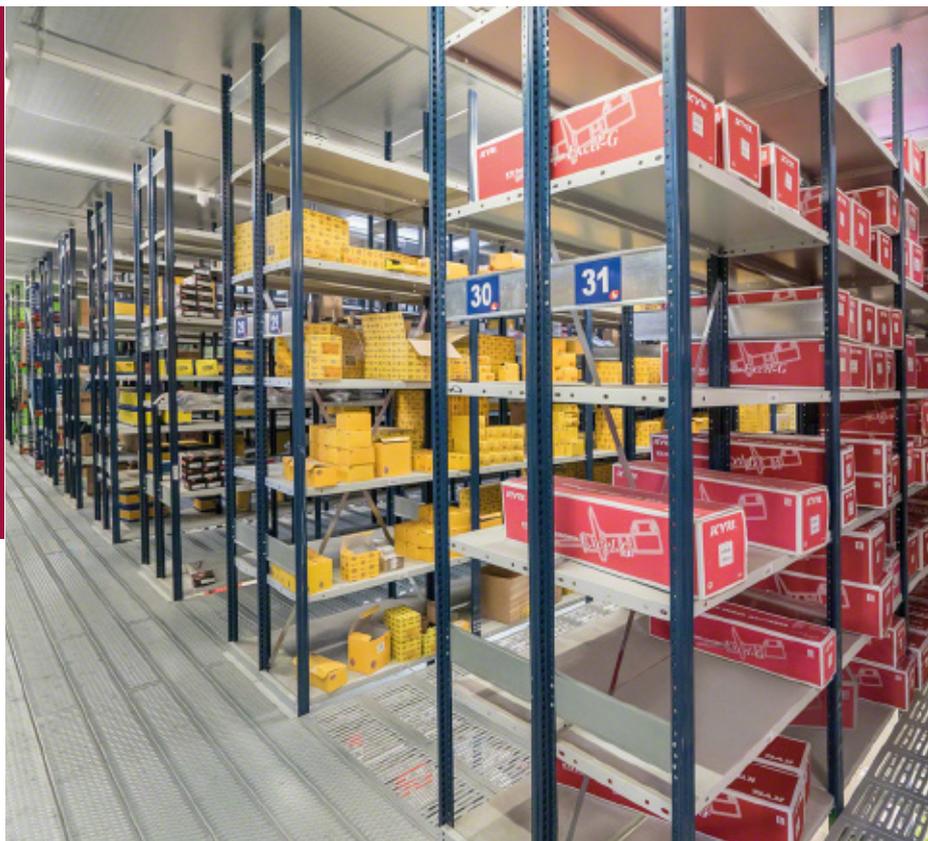




## Metal Point boltless shelving system

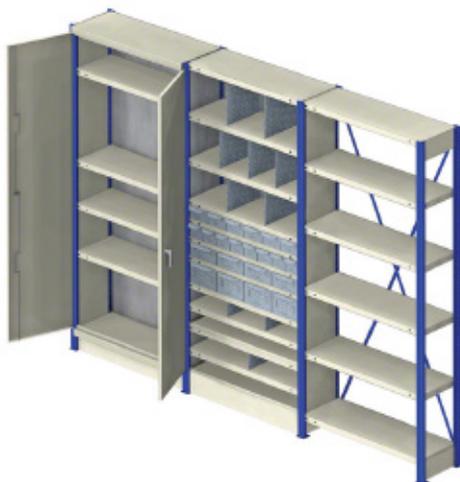
- Inexpensive, solid and very stable.
- Easy to assemble, without using bolts.
- Perfect finish.
- Versatile, can be modularised: install it anywhere, in any business.





## Simplos multi-purpose shelving

- High load capacity and perfect stability.
- Highly resilient and very versatile.
- Totally adaptable to the space available.
- Quick and easy to assemble.
- Wide range of accessories: drawers, dividers, side panels, back panels, plinths, etc.





## Slotted-angle shelving

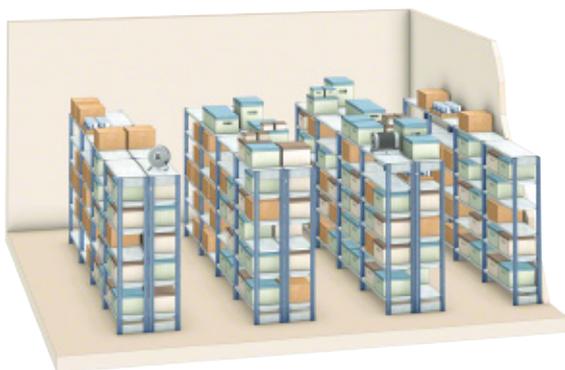
- Simple and inexpensive.
- A variety of sizes and combinations to fit all storage needs.
- Easy to assemble, with components that fit together perfectly.
- Very versatile.





## M3 light duty shelving

- Modular shelving for filing, order preparation and manual storage of all types of lightweight products, up to 200 kg per level.
- Functional and attractive: the finish can match your office décor.
- A range of accessories: additional modules, vertical dividers, book dividers, metal doors, plastic drawers, etc.

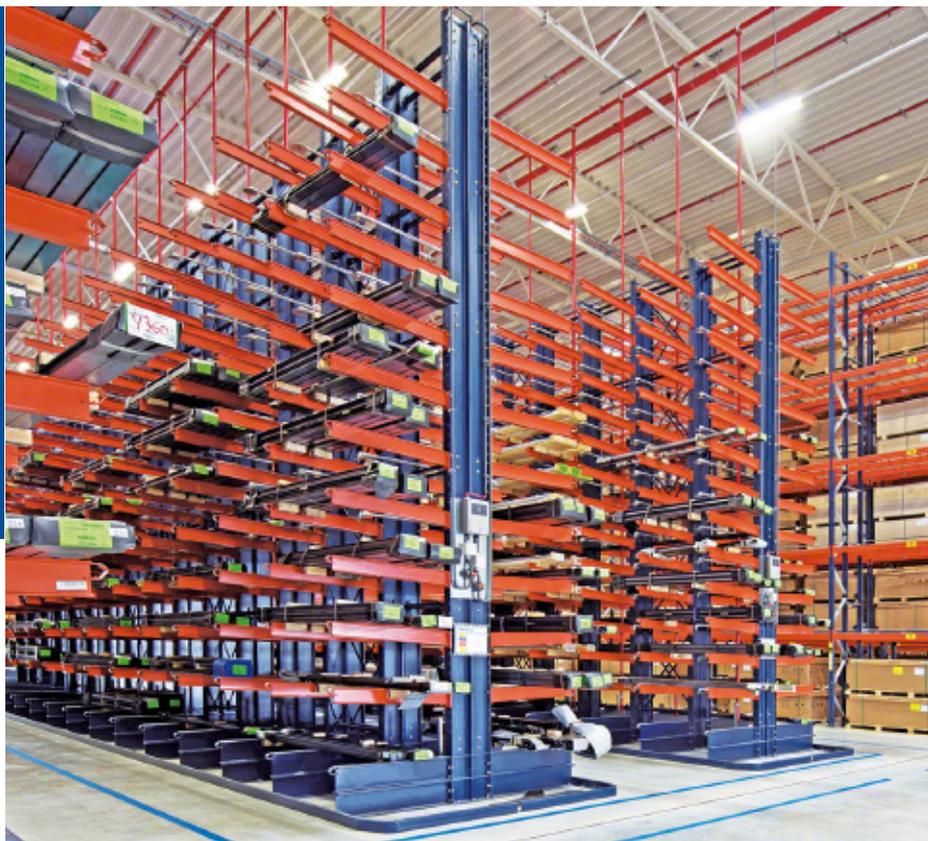




## Movibloc mobile shelving

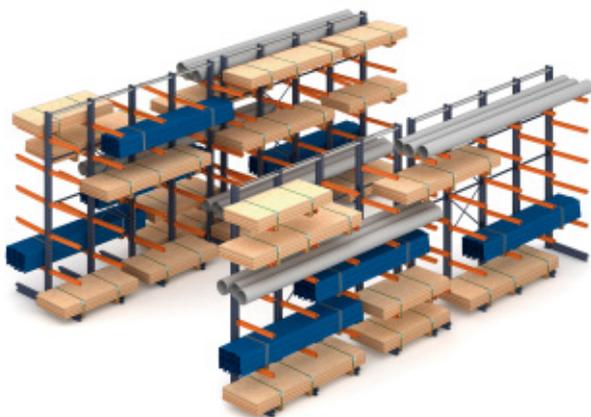
- Compact system ideal for offices, archives, storing small products and valuable or delicate articles.
- Doubles the storage capacity and saves space.
- Guarantees that stored materials are organised, clean and safe.
- Ideal for archiving all types of books and documents.
- It's possible to install raised walkways to gain access to upper levels and thus maximise the space available.





## Cantilever racking for long loads

- For long items or items of varying length: metal profiles, pipes, moulding, planks, metal or plastic sheets, etc.
- Can be placed on one or both sides of the structure.
- Very simple, resistant structure.





They can be placed on mobile bases to increase storage capacity.

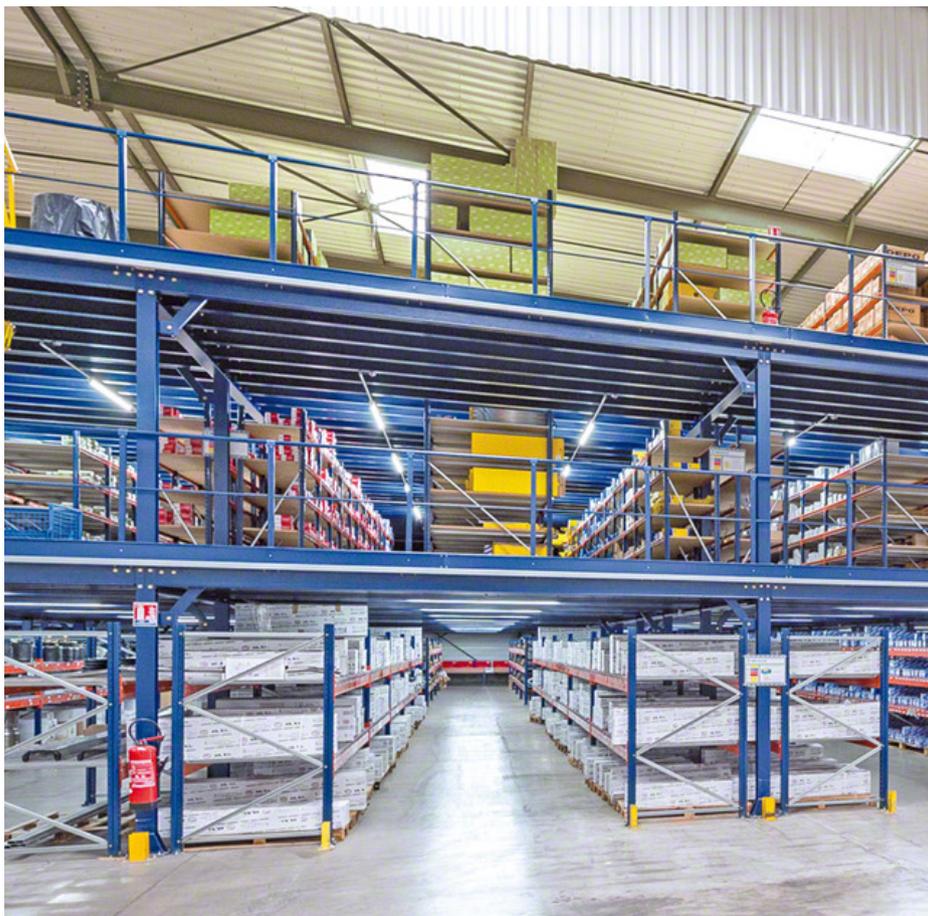
The system has all the accessories needed to be installed outdoors.



## Mezzanine floors

- Industrial mezzanines that multiply warehouse and premise surfaces by adding one or more additional floors.
- Quick, easy and clean to assemble.
- Can be adapted to meet any requirements, due to the wide variety of sizes, types of flooring, construction systems, etc.





Mezzanine floors can be completely disassembled and reused.

A range of floor types are available, depending on the load, type of work, ventilation, etc.



## Mesh Partitioning

- Modular system to fit any area or need for enclosure.
- Quick and easy to assemble.
- Straightforward to expand and modify.
- The design and installation meet workplace safety regulations.

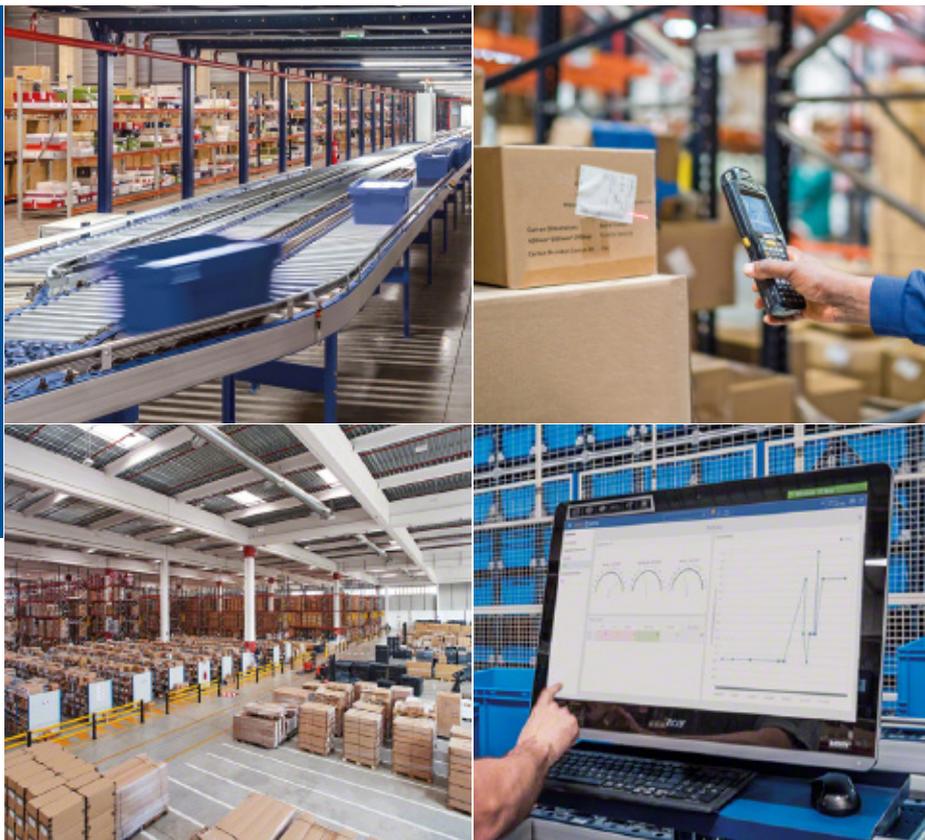




## Metal lockers

- Compact, attractive design.
- Easily expandable modular system, with many possible combinations and practical accessory options.
- Very simple assembly, with no bolts.
- Manufactured from galvanised steel to provide great resistance against corrosion.





## Easy WMS warehouse management system

**easy**  **MECALUX**

The Easy WMS platform optimises the physical and document management of product flows. This guarantees tracking and multiplies performance in all areas of the warehouse: reception, storage, order picking and dispatch. The various functional levels will suit any business sector.

It includes an extensive range of solutions, covering all the management needs of your logistics chain.

## Advantages of the Easy WMS warehouse management system:

- Receive real-time stock control
  - Lower logistics costs
- Increase storage capacity
- Reduce handling tasks
  - Eliminate errors
- Get precise, high-speed picking
- Adapt to new e-commerce needs
- Manage omnichannel operations
  - Achieve a fast ROI



Our solutions are certified by:

**SAP Certified**  
Integration with SAP Applications

**ORACLE** Gold Partner  
Specialized Oracle Database

**Microsoft Partner**  
Gold Application Development

**ZEBRA**  
ITC-REL6085  
SEE MORE. DO MORE.

# Interconnected solutions



## easyWMS

### Warehouse Management System (WMS)

A versatile, flexible software able to control a manually operated, a mixed or a large automated warehouse with the same efficiency. Use it to streamline the physical and document management of product flows, from warehouse inputs up to dispatches, for guaranteed tracking.



### WMS for e-commerce

It supplements Easy WMS to manage different storage situations required to pick orders for your online shop. Our solutions will make your warehouse more competitive and able to deal with the distribution of products sold online.



### WMS for Manufacturing

Real-time stock efficiency and tracking add value to manufacturing processes. It integrates the supply processes of the manufacturing lines with products put away and later shipped out.



### Multi Carrier Shipping Software

Add advanced WMS functionalities to manage operations related to packaging and labelling. Plus, use it to communicate with the major carriers automatically.

# for your supply chain



## Supply Chain Analytics Software

It provides fast, simple viewing of the different supply chain indicators, giving you first-hand knowledge of the operations being carried out. Have better control over your business and decisions by keeping up to date with operational information.



## Store Fulfillment

It has been designed for companies that need real-time control over inventory of their warehouse and physical shops. Additionally, it synchronises provisioning operations throughout the distribution network such as picking, replenishment, transfers between shops, or returns.



## Labor Management System (LMS)

It records real-time task performances and compares these to the estimated time standards for each.



## WMS & Pallet Shuttle Integration

It comprises a single user-interface to run the WMS and the high-density Pallet Shuttle system, which means users can control the Pallet Shuttles easily. This operation is integrated with the other warehouse fulfilment operations.



## Technical inspection of racks

Standard EN 15635 requires an annual inspection of your installation by external, qualified personnel with the aim of:

- Improving the safety of your warehouse.
- Reducing risks.

Mecalux has been offering this technical inspection service to our customers for over 25 years, so that their warehouses can be safer and more efficient.





Our technicians perform a rigorous inspection of the installation, checking the condition of the racks and shelving and the warehouse in general.

The condition of the warehouse will be certified with a label placed on the safe working load (SWL) sign, indicating the date of the next inspection.

Go to our website for more information: case studies, videos, photos and detailed product information.

**mecalux.com**

Follow us on social media to stay up-to-date with the latest developments.



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**Mecalux is present in more than 70 countries around the world**

**We have offices in:** Argentina - Belgium - Brazil - Canada - Chile - Colombia - Czechia - France  
Germany - Italy - Mexico - Netherlands - Peru - Poland - Portugal - Slovakia - Spain - Turkey  
United Kingdom - Uruguay - USA