

AR LIVE STORAGE PAL

PALLET FLOW RACKING



AR LIVE STORAGE (PAL)

PALLET FLOW
RACKING



The AR LIVE STORAGE pallet flow racking system is a compact structure with a slight incline and roller conveyors that allow palletized products to slide freely.

AR LIVE STORAGE is the perfect high-density storage system for homogeneous pallets. The system also allows you to work with the

FIFO (first-in, first-out) system in a simple and in an orderly manner.

Loaded pallets enter the structure on one end and move securely along the roller conveyors at a controlled speed, moved only by the force of gravity, until they reach the other end, ready for removal.

The movement of the load units in the AR LIVE STORAGE (PAL) system is absolutely secure since the structure is equipped with a series of technical and organisational measures for control and protection.

- **OPTIMAL USE OF SPACE**
- **FAST AND SIMPLE REMOVAL**
- **IDEAL FOR FIFO SYSTEMS**



Advantages

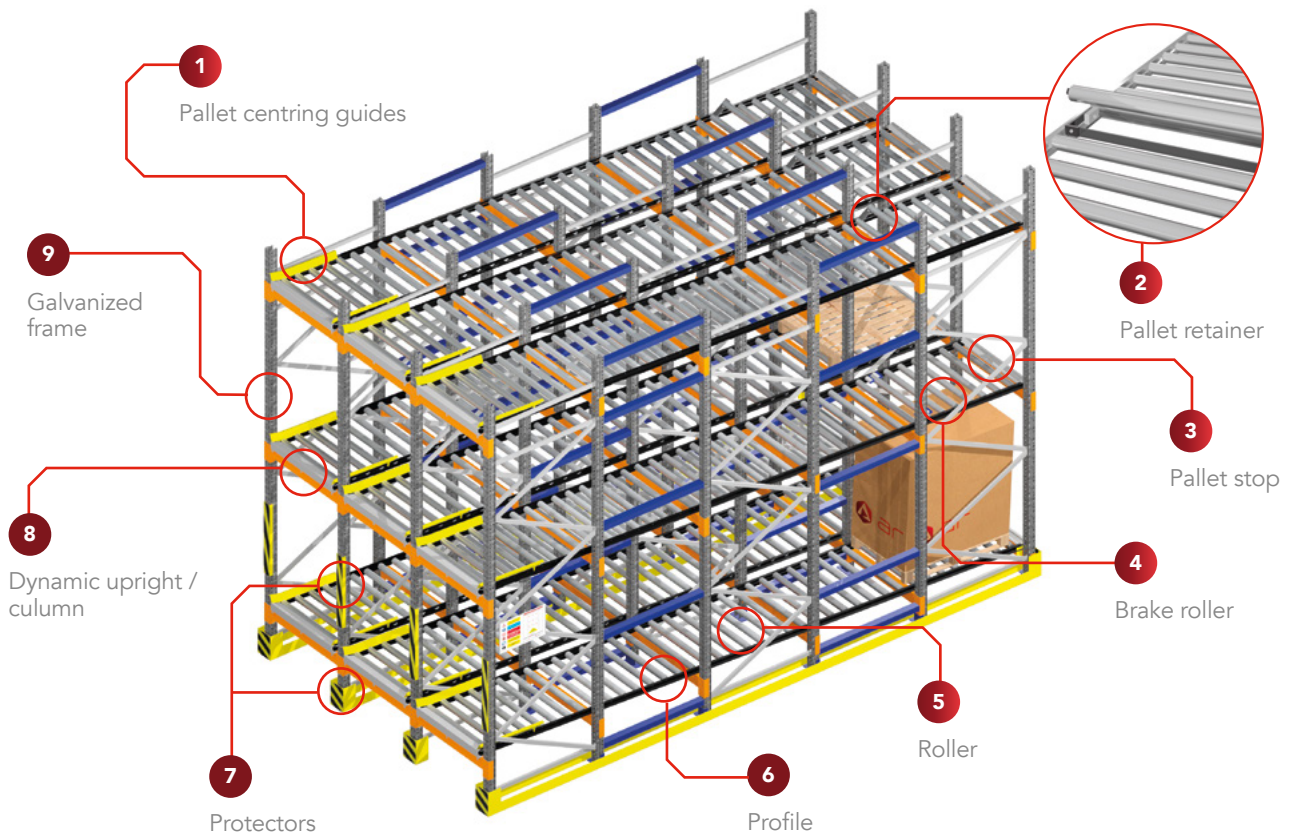
- **OPTIMAL USE OF SPACE.** High-density storage system, so more storage capacity in the same space.
- **IDEAL PRODUCT ROTATION:** Perfect for FIFO systems (First-In, First-Out).
- **FAST, SIMPLE REMOVAL.** Ideal positioning of the products reduces load manoeuvre and extraction times.
- **NO TRAFFIC INTERFERENCE.** The forklift trucks insert and remove load units in different aisles since the loading and unloading aisles are separate.
- **EXTREMELY SAFE.** The structure is fitted with a control and braking system to minimise any risks: brake rollers, pallet centring or retainer system, and pallet stops.
- **IMPROVED STOCK CONTROL** since each loading aisle has a single product reference.
- **ADAPTABLE** to any space, and to any weight or size of the merchandise to be stored.
- **COMPATIBLE** with other automatic and conventional storage systems.
- Allows you to continue to use the same type of **FORKLIFT TRUCKS** used in **SELECTIVE PALLET** warehouses.
- **REDUCED OPERATING COSTS** thanks to excellent use of space.
- The uprights and frames of the AR range are **PRE-GALVANIZED**.

Components

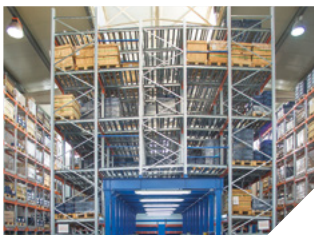
The AR LIVE STORAGE (PAL) system has a basic structure of frames, uprights (also known as columns) and dynamic profiles, similar to other storage systems in the AR Racking range.

Together with the basic structure, this dynamic racking system also includes a large variety of specific elements for safe, controlled displacement of the load units.


Discover how our AR LIVE STORAGE system works in this video:



Other design options



Push-back management (LIFO)



A pushback system based on LIFO (last in-first out) warehouse management can also be installed. The main difference is that only one aisle is used for work as loading and unloading take place in the same area.



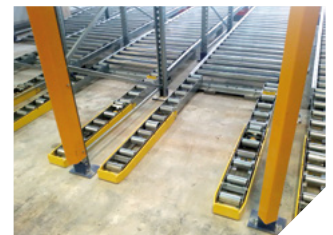
Folding rollers

The folding roller system allows roller conveyors to be moved and raised for cleaning and maintenance, and to access the warehouse floor, all this while maintaining the same technical characteristics and system operation.



Split rollers

Split rollers can be installed in the loading and unloading areas of dynamic racking systems to simplify the work of forklift and pallet trucks. They also prevent roller damage.



Floor level pick-up

Sometimes warehouses with dynamic racking systems need the load units to be picked up at ground level. To simplify this operation, a special pallet output area can be added.

AR SHUTTLE



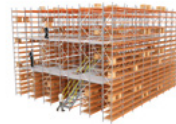
AR DRIVE IN



AR LS



AR MULTITIER



AR UNITLOAD RACK



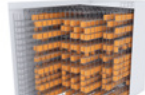
AR MOBILE



AR LIVE STORAGE



AR SILO CLAD RACK



AR PAL



AR MINILOAD RACK



AR RACKING

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