

AR CARTON FLOW PICKING

CARTON
LIVE STORAGE



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The carton live storage system, AR CARTON FLOW, also known as "carton flow rack", is a high-density storage system for boxes or lightweight products.

The unit loads slide on roller rails with a slight incline on the different levels that make up the lanes.

These rails can be easily adapted transversely according to different unit loads.

As with the live pallet racking system, perfect product rotation is ensured in this picking system by also following the FIFO (First in, First out) system, and interference is avoided by differentiating between the loading and unloading areas.

The AR CARTON FLOW system reduces distances covered in the warehouse and saves operating time, so it perfectly adapts to warehouses with a large volume of manual picking operations.

- **UTILISATION OF SPACE**
- **ADAPTABLE TO OTHER SYSTEMS**
- **PERFECT PRODUCT ROTATION**
- **REDUCED MANOEUVRING AND DISPLACEMENT TIMES**



Longspan Shelving example

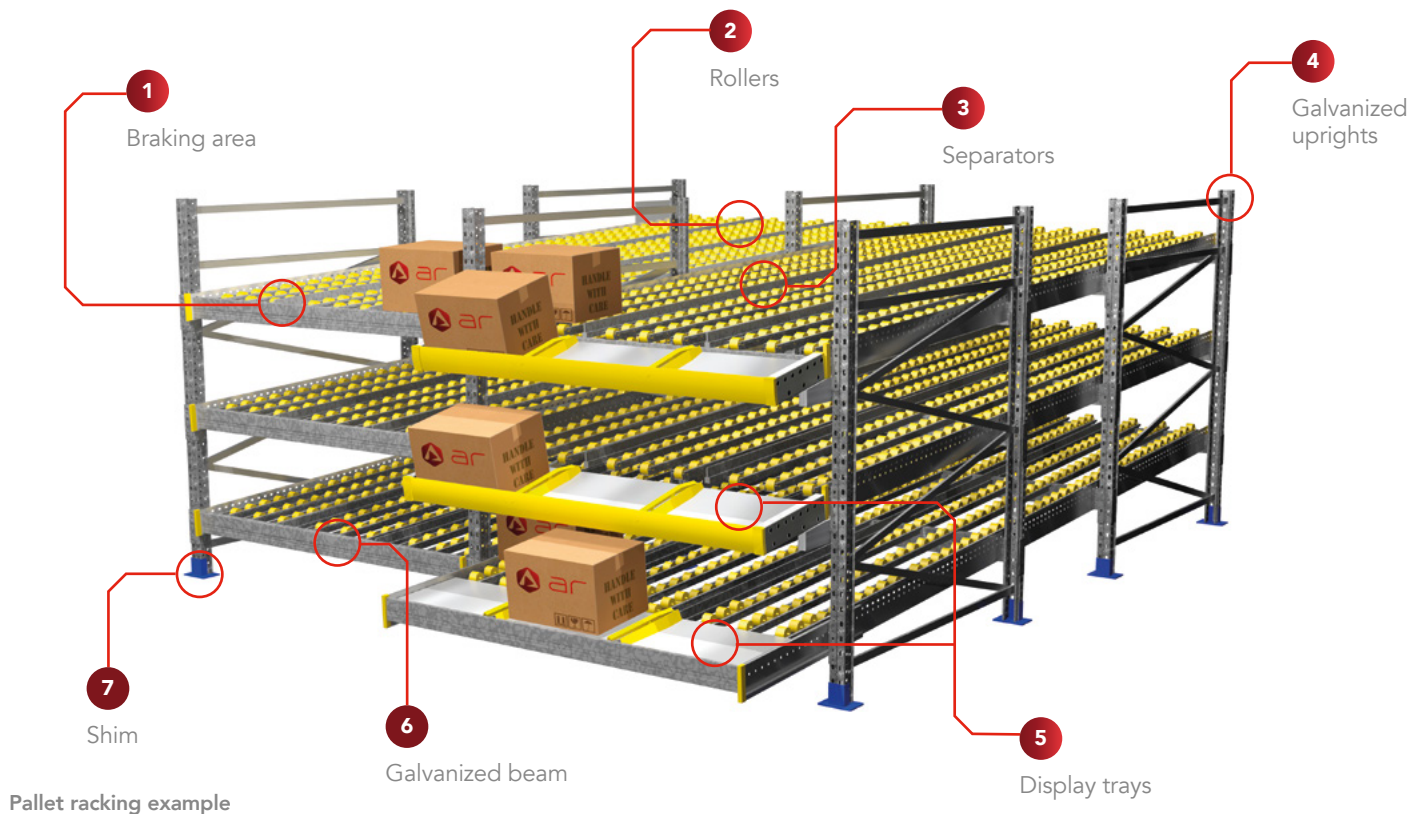
Advantages

- **UTILISATION OF SPACE.** High-density storage system, i.e. same space but more storage capacity.
- **PERFECT PRODUCT ROTATION:** When applying the FIFO (First in, First out) system, the first unit load in is the first load out.
- **WITHOUT PASSAGE INTERFERENCES.** The load units are introduced and extracted in different aisles, as the loading and unloading aisles are separated.
- **COMPATIBLE AND COMBINABLE** with other AR Racking storage systems.
- **REDUCED OPERATING COSTS** thanks to the excellent use of space.
- Allows the installation of **PALLET RACKING** solutions at higher levels.
- **ADAPTABLE** to different sizes and shapes of boxes and light loads. Also possible to modify the gradient and distances between pulley wheels.
- **EASY INSTALLATION.** Does not require subsequent maintenance of the installation either.
- **REDUCED MANOEUVRING AND DISPLACEMENT TIMES** of workers due to the higher number of references at the front of the racks; shorter journeys.
- **QUICK AND SIMPLE EXTRACTION.** The manual manoeuvring and extraction time of the unit loads is reduced due to the good location of the products.
- Possibility of simply installing **ORDER PREPARATION SYSTEMS** with WMS (Pick to light) integrated in the storage solution.

Components

The AR CARTON FLOW system is applicable to the range of storage needs designed for the picking operations. It therefore has a base frame consisting of the entry and exit profiles, side profiles and guide rails.

It also has a wide variety of variable or optional elements that allow it to adapt to the specific needs of each installation or sector such as the display trays, straight platforms, separation, braking systems, etc.



Possibility of combination with other systems

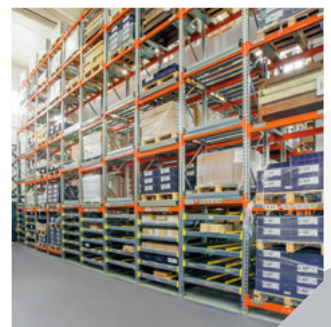
One of the great advantages of AR CARTON FLOW is its simple adaptation in combination with other pallet storage systems. The installation at lower levels of live pallet racking (picking) enables the installation of other systems at higher levels, as shown below:



Push-back racking (LIFO)



APR (Adjustable Pallets Racking)



Live Storage (FIFO)

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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