

# RACKING PRODUCTS

REB Storage Systems International

When considering which warehouse racking system is right for your operation, you must consider a variety of rack system characteristics including selectivity, density, and flow. REB Storage Systems International offers racking systems tailored to your SKU profiles, available storage space, and product picking requirements.

In this article, you'll learn how each type of racking system works, advantages of implementing the right type of system, and how to identify which type of system is right for you.

## How to Choose the Racking System That Best Suits Your Operation

To maximize product flow, the type, density and selectivity of your racking system should align with your inventory and picking practices. In order to maximize the benefits of your warehouse, you must understand the characteristics of all products that are being stored.

First-in, first-out, or FIFO, product flow allows inventory placed into a rack system first to be removed first. FIFO rack systems are ideal for customers requiring rapid stock rotation or high product circulation. First-in, first-out systems include selective, drive-through, carton flow and pallet flow rack.

Last-in, first-out, or LIFO, product flow allows inventory placed into a rack system last to be removed first. LIFO rack systems are ideal for customers storing products with long shelf life or in large quantities. Last-in, first-out systems include double deep selective, drive-in, and push back rack.

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# Types of Warehouse Racking Systems Offered

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REB offers a wide range of warehouse racking systems, including selective, cantilever, catwalk, drive-in/-thru, push back, carton flow, and pallet flow. Read below for a brief overview on each type. For more details on each type, click on the product in our menu system or via the links in this section.

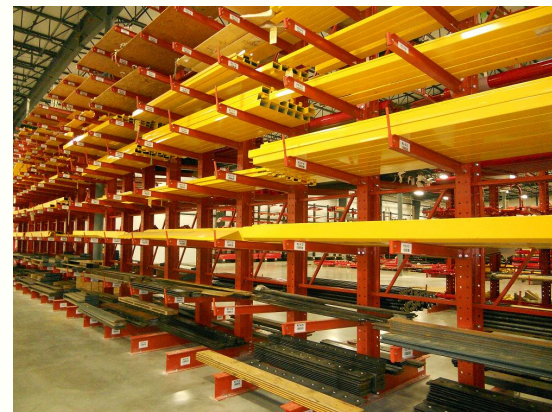
## Selective Rack

Selective rack is the most common type of racking system. It enables direct access to all stored pallets or cartons without the need to move others. This makes it a highly selective solution. REB engineers can assess your operation to provide you with your best layout.



## Cantilever Rack

Cantilever rack is designed to easily store and retrieve products with varying weights, lengths, and sizes. Cantilever systems do not require uprights, allowing for easy product accessibility and selectivity paired with high down-aisle density. With a variety of arm options, cantilever systems can provide a full range of loading capabilities that can be customized to your storage application.



## Catwalk Rack

Multi-level systems utilize pallet rack to offer high capacity and allows for an unlimited number of personnel to be involved in the picking process at all levels. Ideal for use as a multi-level pick module.



## Drive-In/Thru

Drive-in racking and drive-through racking eliminates the need for down-aisle picking aisles. Both drive-in racking and drive-through racking offer a variety of benefits to warehouse efficiency.





# Types of Warehouse Racking Systems Offered

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## Push Back Rack

Push back rack is a high density, high selectivity rack system. It has a number of options to suit special applications and can be a beneficial storage solution for many types of products. REB material handling specialists can assess your space and products to help you understand if push back rack is your ideal storage solution, and ultimately provide you with your ideal material handling solution and layout.

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## Carton Flow Rack

Carton flow rack systems are ideal for operations with continuous inventory rotation. Carton flow racking is a gravity supported system which offers high density storage. A REB material handling specialist can assess your operation and let you know which options are best for you.

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## Pallet Flow Rack

If you are interested in purchasing pallet flow racking for your operation, there are a number of aspects to consider. Continue reading to learn about when and why pallet flow racks should be incorporated into an operation. A REB material handling specialist can assess your operation and let you know which options are best for you.

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# Advantages of Warehouse Racking Systems

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Each warehouse racking system will come with its own benefits. Advantages seen will also depend on how your warehouse is currently operating.

In general, here are some advantages commonly achieved when warehouse racking is introduced:

- Increased pick accuracy
- Increased warehouse productivity
- Increased storage capacity
- Easier tracking of stock

# Which Type of Warehouse Racking System is Right for you?

As described in the previous section, implementing racking in your warehouse will inevitably provide you with advantages. The key is identifying which type of racking is the best fit for your operation to ensure you see the maximum benefits.

The best way to figure out which type of racking system is the best fit for your operation is by consulting a material handling systems integrator, such as REB Storage Systems. They will be able to assess your space, products, and growth projections, among other things, in order to present you with options.

However, to get you started, there are general operational features that make each type of automation solution a good fit.

## Selective Rack

- Products that require high accessibility.
- Products with a high turnover rate.
- Reserve storage.

## Catwalk Rack

- Multi-level pick modules.

## Push Back Rack

- Store multiple pallets of the same SKU.
- Cooler or freezer storage.
- High quality pallets.

## Pallet Flow Rack

- Date-sensitive products.
- Cooler or freezer storage.
- High quality pallets.

## Cantilever Rack













- Products that typically cannot be stored on pallets.
- Long, bulky items such as furniture, lumber, and plumbing.

## Drive-In/Thru Rack

- Homogeneous products, products with long life spans, and products that require large, one-time moves.
- Cooler or freezer storage.
- Perishable items that are rotated quickly.

## Carton Flow Rack

- Case-pick and piece-pick applications.
- Date sensitive products.
- Cooler or freezer storage.

	SELECTIVE	DOUBLE DEEP SELECTIVE	DRIVE-IN/ DRIVE-THROUGH*	CARTON FLOW*	PALLET FLOW*	PUSH BACK*
Product Flow	First-in, First-out	Last-in, First-out	Last-in, First-out/ First-in, First-out	First-in, First-out	First-in, First-out	Last-in, First-out
Storage Density						
Selectivity						
Common Storage Applications	Palletized products with continuous circulation	Storing multiple pallets of the same item	Large quantities of uniform products	Date-sensitive products and products that vary in size	Date-sensitive products and products that vary in size	Multiple groups of SKUs
Cost	\$	\$\$	\$\$	\$\$\$	\$\$\$	\$\$\$

\*Systems require good quality pallets





# Your Next Steps for a Warehouse Racking System

Whether your next step is to gather more information or request a quote, consider REB Storage Systems. REB is a highly experienced systems integrator, in business since 1962. REB has 17 in-house project managers and engineers, all highly experienced in the material handling industry. These people know this industry inside and out.

REB is highly knowledgeable and experienced in designing, engineering, and installing warehouse racking systems and will make sure your system is the best fit for your space. We work with you to provide a turnkey system. From engineering, design, products procurement, subcontractor management, install, and permitting support, REB handles it all for you.

We'd appreciate the opportunity to help you further, whether that be more information or a quote. Email or call us to get in touch with a REB representative.



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