



# Push-Back Storage Systems



**RIDG-U-RAK®**

# RIDG-U-RAK

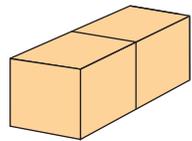
## Push Back Storage Systems

The ultimate in pallet rack storage efficiency

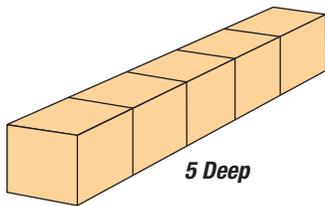
### System Flexibility

Ridg-U-Rak has been providing pallet rack storage solutions for more than 75 years. This broad experience is very evident in Ridg-U-Rak Push-Back systems.

Using components certified to the standards of the Rack Manufacturers Institute, Ridg-U-Rak can design a Push-Back system that meets your specific requirements. Lane heights and depths can be supplied in a wide variety of combinations. In fact, Ridg-U-Rak can provide free flowing, manageable Push-Back lanes up to 5 pallets deep.



2 Deep



5 Deep



### Made in USA

The unique features of Ridg-U-Rak Push-Back result in the ideal combination of smooth, low resistance movement and a low profile.



## High Productivity

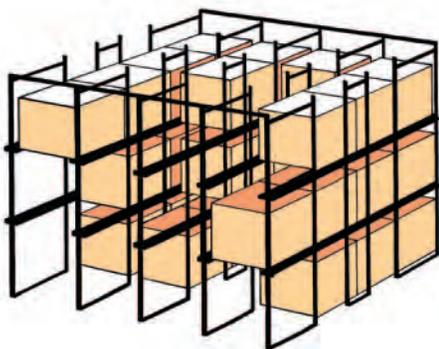
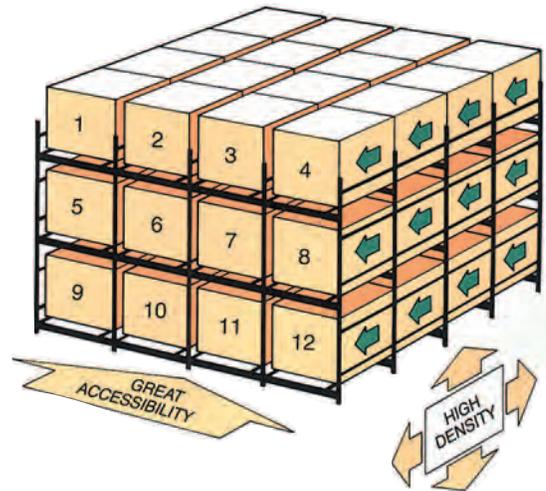
Push-Back storage provides a very desirable combination of high density and accessibility. Push-Back storage density equals that of drive-in storage, yet every lane can be accessed at all times. Any lane can be 100% filled from the aisle without affecting any other adjacent lanes above or below.

## Stock Rotation

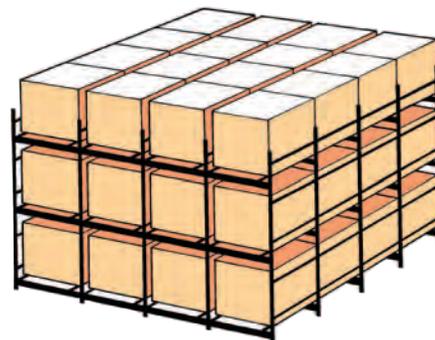
While Push-Back is a reverse flow storage system that operates on a last-in-first-out (LIFO) basis, you can easily rotate your stock on a first-in-first-out (FIFO) basis. You simply never store new lots in front of previous lots. This is much easier to accomplish in a Push-Back rack because every level of every bay is accessible from the aisle.

## Lower Cost

Push-Back storage, in spite of its higher initial cost, is actually less expensive than drive-in storage for two reasons. First is the reduction of multiple handling time. And second, it takes less Push-Back rack and less storage space to provide the same storage capacity as a drive-in rack.



Drive-in  
honeycombing  
**60%**  
Utilization  
of pallet  
positions



Push-Back  
accessibility  
**90%**  
Utilization  
of pallet  
positions

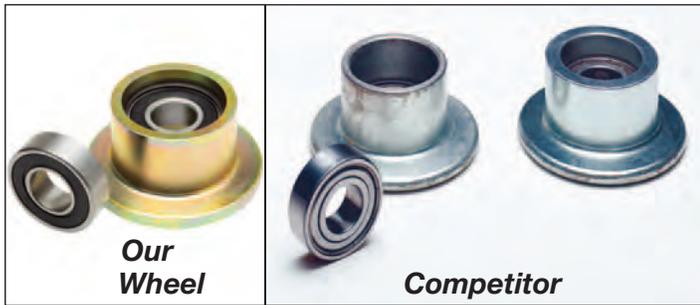
Consider this. Drive-in rack provides a typical utilization factor of about 60%. This means that on any given day "honeycombing" in the rack results in only about 60% of the available pallet positions being used. Push-Back provides utilization of 90% or more if it is correctly applied. To realistically store 1,000 pallets in drive-in you need about 1,600 pallet positions. With Push-Back, practically every pallet position is utilized. That could even mean a smaller warehouse.

**Push Back Storage Systems**  
*The ultimate in pallet rack storage efficiency*



## Superior, Heavy Duty Wheels & Bearings

Large, coated Ridg-U-Rak wheels with sealed bearings (below) contrast with ordinary Push-Back wheels. Larger wheels provide greater strength and ease of operation, and sealed-for-life self-lubricated bearings permit wash down without corrosion.



Telescoped cart system provides adequate clearance between carts and provides the widest position to the deepest and "heaviest" pallet.

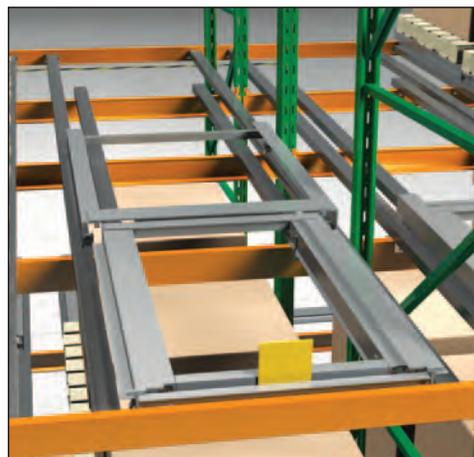
Box frame carts nest compactly. Front of all carts are at the same aisle position for consistent pallet positioning.



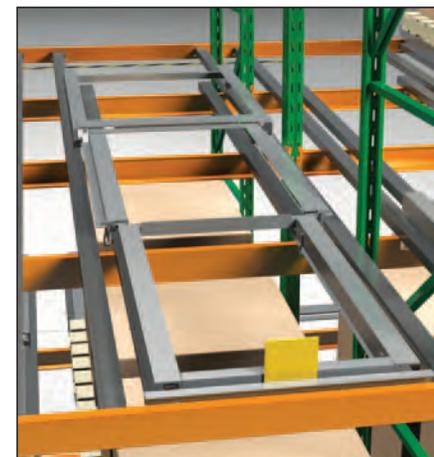
## Operating Sequence - 4 Deep System



*Empty lane in 4 deep system*



*Cart positions when two pallets are loaded*

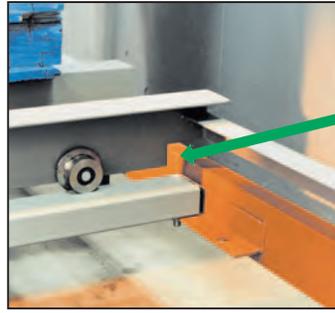


*Cart positions when 3 pallets are loaded*

*Note: Quality pallets will always provide more consistent Push-Back performance.*



## Designed For Trouble-Free Operation



Deepest cart has notched out base to prevent run out.



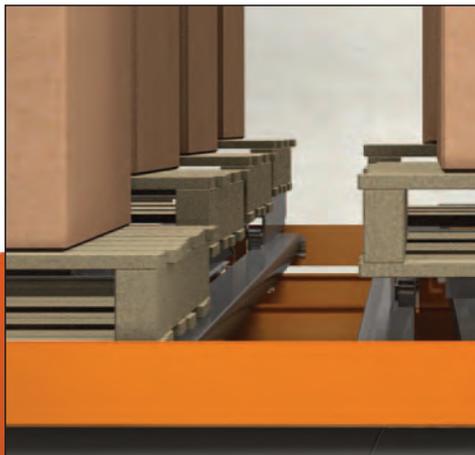
Cart linkage has locking engagement to prevent over extension.



J channels prevent carts from being accidentally uplifted out of system.



*Cart positions when the lane is full.  
Front plate is not visible from the aisle*



*Full lane with pallets shown on carts*

## Designed with the Operator in Mind

The easier a Push-Back system is to use, the more productive a storage tool it becomes. -U-Rak Push-Back simplifies pallet placement, requires less force to move pallets, and is fitted with safety features that aid the lift truck operator.



# Ridg-U-Rak Advantages

## Features

- 2 to 5 pallet lane depth
- Reduced slope
- Rigid box framed carts
- Telescoping carts
- Wider top cart
- Carts interchangeable in 2 through 5 deep systems.
- Large diameter wheels
- Flared bottom cart push plate
- Tubular front beam

## Benefits

- Flexibility in slotting SKU's.
- Less required force on lift truck mast to input or remove pallet loads.
- No open ends - solid foundation for pallet loads.
- Reduces overall vertical height requirements.
- Cart that travels the farthest is the widest for greater system stability.
- Greater system flexibility.
- Heavy wall thickness prevents torsional distortion. Carts roll smoother with less force.
- Easier to see from aisle. Easier to remove pallet load.
- Reduces outward deflection and rotation.

# Standard Features

## Features

- Anti-lift outs
- Linked carts
- All cart, rail and beam components are structural shapes
- Cascading cart angles
- Flat loading surfaces
- Sealed, specially lubricated bearings

## Benefits

- Prevents accidental cart disengagement during pallet load removal.
- All carts are interlocked to assure continuous flow.
- Provides greater impact resistance and longer life.
- Reduces debris on rails making input and removal easier.
- Easier and faster pallet load placement.
- Seals out dust and moisture. For operation from -30°F through 250°F.



# *Push Back Storage* ADVANTAGES



RIDG-U-RAK® STORAGE SYSTEMS

# Made with American Steel

STORAGE SYSTEMS



Pallet Rack



Push Back



Pick Modules



Drive-In Rack



Gravity Flow



Very Narrow Aisle



Double Deep



Cantilever

**American Owned. American Made. American Proud!**



North East, PA 16428

For more information,  
visit [Ridgurak.com](http://Ridgurak.com) or call 866.479.7225

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