High Productivity

Push-Bak storage provides a very desirable combination of high density and accessibility. Push-Bak storage density equals that of drive-in systems, 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.

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While Push-Bak 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-Bak rack because every level of every bay is accessible from the aisles.

Lower Cost

Push-Bak 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-Bak rack and less storage space to provide the same storage capacity as a drive-in rack.

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 spaces being used. Push-Bak provides utility of 90% or more. In fact, it can be applied to real life situations where an overall 1,000 pallet positions are needed. With Push-Bak, practically every pallet position is utilized. That could even mean a smaller warehouse.

Features

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<tbody>
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<td>2 to 9 pallet lane depth</td>
<td>Flexibility in storing SKU’s.</td>
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<tr>
<td>Rigid box framed carts</td>
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<tr>
<td>Telescoping carts</td>
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<tr>
<td>Wider top cart</td>
<td>Cart that slides the highest is the widest for greater system stability.</td>
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<tr>
<td>Cards interchangeable in 2 through 6 deep systems and in 2 through 9 deep systems</td>
<td>Greater system flexibility.</td>
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<tr>
<td>Large diameter wheels</td>
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<tr>
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Prevents accidental cart disengagement during pallet load removal.

All carts are interlocked to assure continuous flow.

All cart rail and beam components are structural shapes.

Provides greater impact resistance and longer life.

Reduces deflection on cart moving and removal easier.

Easier and faster pallet load placement.

Sealed, especially lubricated bearings.

Seals out dust and moisture. For operation from -30°F through 250°F.

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Ridg-U-Rak Exclusives

- 2 to 9 pallet lane depth
- Reduced slope
- Rigid box framed carts
- Telescoping carts
- Wider top cart
- Cards interchangeable in 2 through 6 deep systems and in 2 through 9 deep systems
- Large diameter wheels
- Plated bottom cart push plate
- Box frame front beam

Call today for more information on Ridg-U-Rak Push-Bak...the ultimate in pallet rack storage efficiency.

Phone: 814-725-8781
Fax: 814-725-5659
www.ridgurak.com

RIDG-U-RAK, INC. NORTH EAST, PA 16428

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**Ridg-U-Rak Exclusives**

**Features**
- 2 to 9 pallet lane depth
- Reduced slope
- Rigid box framed carts
- Telescoping carts
- Wide top cart
- Cards interchangeable in 2 through 5 deep systems and in 2 through 9 deep systems
- Large diameter wheels
- Flared bottom cart push plate
- Box frame 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 design in rack making repair and removal easier.
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www.ridgurak.com
Patent Pending Design - Made in USA

The unique features of Ridg-U-Rak Push-Bak result in the ideal combination of smooth, low resistance movement and low profile. The patent pending design is a significant advance in Push-Bak storage technology.

Low Stacked Height

Ridg-U-Rak Push-Bak carts telescope to keep vertical space requirements as small as possible. In a five deep system, for example, vertical differential from the aisle pallet to the 5th pallet is only 5".

Safe Clearance

Ridg-U-Rak systems are designed to provide 4" horizontal clearance on both columns and 8" horizontal clearance between pallets.

System Flexibility

Ridg-U-Rak has been providing pallet rack storage solutions for more than 50 years. This broad experience is very evident in Ridg-U-Rak Push-Bak systems.

Using components certified to the standards of the Rack Manufacturers Institute, Ridg-U-Rak can design a Push-Bak 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-Bak lanes up to 9 pallets deep.

Design For Trouble-Free Operation

Cart linkage has locking engagement to prevent over extension.

J channel stops prevent carts from being accidentally uplifted out of system.

Superior, Heavy Duty Wheels & Bearings

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

Operating Sequence - 5 Deep System

- Operator aligns first pallet load with storage lane.
- Pallet is positioned above telescoped cart system.
- Pallet is lowered into position one
- Properly loaded pallet: Note quality pallets will always provide best consistent Push-Bak performance.
- Second Pallet load pushes first pallet load back into lane...
- and is seated into position on cart.
- Third pallet load repeats procedure.
- When third pallet is loaded, cart lift swivel is visible.
- Fifth and final pallet is placed on rails and indicates a full lane.

Design For Trouble-Free Operation

Deeped cart has roller out fear to prevent run out.

Wheel

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

Push-Bak®

...the ultimate in pallet rack storage efficiency

Deepest cart has notched out base to prevent run out.

Operator designs that focus on operator’s needs.

This system is Push-Bak system is to use, the main productive storage unit (a pallet) is as a single unit. An operator places the pallet next to the storage unit to be stored, then rolls it in to storage unit. The pallet is then removed from the storage unit and stored safely. This is in keeping with safety that the driver of the truck operates.
The unique features of Ridg-U-Rak Push-Bak result in the ideal combination of smooth, low resistance movement and low profile. The patent-pending design is a significant advance in Push-Bak storage technology.

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**Operating Sequence - 5 Deep System**

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

1. Operator aligns first pallet load with storage lane.
2. Pallet in position. Crane telescoped car system.
3. Pallet is lowered into position one. Pallet is positioned above telescoped cart system.
5. Second pallet load pushes first pallet load back into lane.
7. When third pallet is loaded, cart full indicator is visible.
8. Properly sized pallet. Final pallet load is placed on rail and indicates a full lane.

**Superior, Heavy Duty Wheels & Bearings**

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

**Design for Trouble-Free Operation**

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

- J-channel stops prevent carts from being accidentally uplifted out of system.

- Cart linkage has locking engagement to prevent over extension.

- Deep cart has rail built out to prevent run out.

- Superior, Heavy Duty Wheels & Bearings

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Design For Trouble-Free Operation

Cart linkage has locking engagement to prevent over extension.

Safe Clearance

J channel stops prevent carts from being accidentally split out of the system.

Operating Sequence - 5 Deep System

Designed with the Operator in Mind

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Designed for Trouble-Free Operation

Deepest cart has notched out base to prevent run out.

J channel stops prevent carts from being accidentally split out of the system.

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- Reduced slope
- Rigid front faced carts
- Telescoping carts
- Wider top cart
- Carts interchangeable in 2 through 5 systems and in 2 through 9 deep systems
- Larger diameter wheels
- Flared bottom cart push plate
- Box frame 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.
- Carts smoothly and with less force.
- Easier to see from aisle. Easier to remove pallet loads.
- Reduces outward deflection and rotation.

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

**Benefits**
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- Provides greater impact resistance and longer life.
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