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.

Stack 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. 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 in 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.

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 space 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.

Ridg-U-Rak Exclusives

2 to 5 pallet lane depth
Reduced slope
Rigid box framed carts
Telescoping carts
Wider top cart
Cart interchangeable in 2 through 5 lanes systems
Large diameter wheels
Flatloading surfaces
Wider top cart
Box frame front box

Ridg-U-Rak Exclusives

Features
Benefits
Anti-lift outs
Prevents accidental cart disengagement during pallet load removal.
Linked carts
All carts are interlocked to assure continuous flow.
All cart rail and beam components are structural shapes
Provides greater impact resistance and longer life.
Cascading cart angles
Reduces deflection in rail making input and removal easier.
Flat loading surfaces
Easier and faster pallet load placement.
Sealed, specially lubricated bearings
Seals out dust and moisture. For operation from 32°F through 200°F.

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Ridg-U-Rak Exclusives

Features
Benefits
2 to 5 pallet lane depth
Flexibility in storing SKUs.
Reduced slope
Less required force on lift truck mast to input or remove pallet loads.
Rigid box framed carts
No open ends - solid foundation for pallet loads.
Telescoping carts
Reduce overall vertical height requirements.
Wider top cart
Cart that travels the furthest in the widest for greater system stability.
Large diameter wheels
Heavy wall thickness prevents longitudinal distortion. Cart travels the farthest in the widest for system stability.
Flatloading surfaces
Easier to see from aisle. Easier to remove pallet load.
Box frame front box
Reduces cushion deflection and rotation.

Prevents accidental cart disengagement during pallet load removal.
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Call today for more information on Ridg-U-Rak Push-Back... the ultimate in pallet rack storage efficiency.
High Productivity

Push-Back storage provides a very desirable combination of high density and accessibility. Push-Back storage closely duplicates 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.

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Ridg-U-Rak Exclusives

- 2 to 5 pallet lanes depth
- Reduced slope
- Rigid box framed carts
- Telescoping carts
- Wider top cart
- Carts interchangeable in 2 through 5 lane systems
- Large diameter wheels
- Flared bottom cart push plate
- Box frame front bosses
- Anti-lift outs
- Linked carts
- All cart, rail and beam components are structural shapes
- Cascading cart angles
- Flat loading surfaces
- Sealed, specially lubricated bearings

Features

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

Benefits

- Flexibility in slotting SKU’s.
- Less required force on lift truck mast to input or remove pallet loads.
- Prevents accidental cart disengagement during pallet load removal.
- All carts are interconnected to assure continuous flow.
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Features
The unique features of Ridg-U-Rak Push-Back result in the ideal combination of smooth, low resistance movement and low profile. The patent-pending design is a significant advance in Push-Back storage technology.

**Low Stacked Height**

Ridg-U-Rak Push-Back 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 Push-Back 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-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.

**Operating Sequence - 5 Deep System**

1. Operator aligns first pallet load with storage lane.
2. Pallet is positioned above telescoped cart system.
3. Pallet is lowered into position one.
4. Properly seated pallet, first quality pallets will always provide more consistent Push-Back performance.
5. Second pallet load pushes first pallet load back into lane...
6. ...and is seated into position on cart.
7. Third pallet load repeats procedure.
8. When fourth pallet is loaded, cart full indicator is visible.
9. Third and final pallet is placed on rails and indicates a full lane.

**Superior, Heavy Duty Wheels & Bearings**

Large, coiled Ridg-U-Rak wheels with sealed bearings (at left) 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.

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

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Operating Sequence - 5 Deep System
Designed with the Operator in Mind
The easier a Push-Back system is to use, the more productive a storage tool it becomes. Ridg-U-Rak Push-Back simplifies pallet placement, requires less force to move pallets, and includes safety features that aid the lift truck operator.

Fifth and final pallet is placed on rails and indicates a full lane. When fourth pallet is loaded, cart full indicator is visible. Third pallet load repeats procedure. Second pallet load pushes first pallet load back into lane... Properly seated pallet. Note: quality pallets will always provide more consistent Push-Back 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 full indicator is visible. When fourth pallet is loaded, cart full indicator is visible. J channel stops prevent carts from being accidentally uplifted out of system.

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Operating Sequence - 2 Deep System
Operator aligns first pallet load with storage lane. Pallet is positioned above telescoped cart system. Pallet is lowered into position one. Pallet is positioned above telescoped cart system. Properly seated pallet. Note: quality pallets will always provide more consistent Push-Back performance. Carrier draws pallet back into lane... Properly seated pallet. Note: quality pallets will always provide more consistent Push-Back performance.

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Patent Pending Design - Made in USA

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

Low Stacked Height

Ridg-U-Rak Push-Back 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 0”.

Design For Trouble-Free Operation

Cart linkage has locking engagement to prevent over extension.

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

Safe Clearance

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

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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-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.

Operating Sequence - 5 Deep System

1. Operator aligns 1st pallet load with storage lane.
2. Pallet is positioned above telescoped cart system.
3. Pallet is lowered into position one.
4. Properly seated pallet. Note: quality pallets will always provide more consistent Push-Back performance.
5. Second pallet load pushes first pallet load back into lane...
6. ...and is seated into position on cart.
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9. Fifth and final pallet is placed on rails and indicates a full lane.

Design with the Operator In Mind

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

The Ultimate in Pallet Rack Storage Efficiency

Deepest cart has notched out base to prevent run out.

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

Superior, Heavy Duty Wheels & Bearings

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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.

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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.

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-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.

Ridg-U-Rak Exclusives

Features
- 2 to 5 pallet lanes depth
- Reduced slope
- Rigid box framed carts
- Telescoping carts
- Wider top cart
- Carts interchangeable in 2 through 5 lane systems
- Large diameter wheels
- Flat loading surfaces
- Sealed, specially lubricated bearings

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
- Reduce overall vertical height requirements
- Cart that travels the farthest is the widest for greater system stability
- 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
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Benefits
- Prevents accidental cart disengagement during pallet load removal
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