



# **PUSH BACK**

**Advance Lo-Pro Pushback Systems**  
**The Best Use of Space**



**ADVANCE**  
**STORAGE PRODUCTS**

A Division of J.C.M. Industries, Inc.

# WHAT ADVANCE PUSHBACK WILL DO FOR YOU



## SELECTIVE RACK

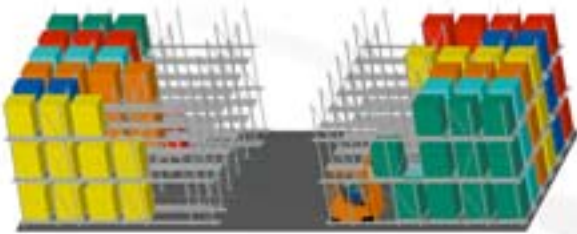
- Average of 65% non-productive aisle space.
- Pallet count significantly less than high-density system.



Store **75%**  
More Product  
With 4-Deep

## 4-DEEP PUSHBACK

- *Store substantially more product in the same space as conventional selective rack.*
- *Eliminate need to expand warehouse or use an outside storage facility.*



## 6-DEEP DRIVE-IN RACK

- **50% Utilization.**
- 1,000 rack pallet positions = 500 pallets stored.
- Extensive "Checkerboarding".
- Only one SKU in each bay.
- Rack is subject to forklift damage.



## 6-DEEP PUSHBACK

- **80% Utilization, average.**
- *Store 60% more pallets than Drive-In.*
- *1,000 rack pallet positions = 800 pallets stored.*
- *Flexibility to store different SKU's on each level.*
- *Safer operation and less rack damage - the operator never enters the rack.*



## DOUBLE DEEP REACH

- Requires 8" wider aisle.
- Need special forklift.
- Slower pick & retrieve operation.

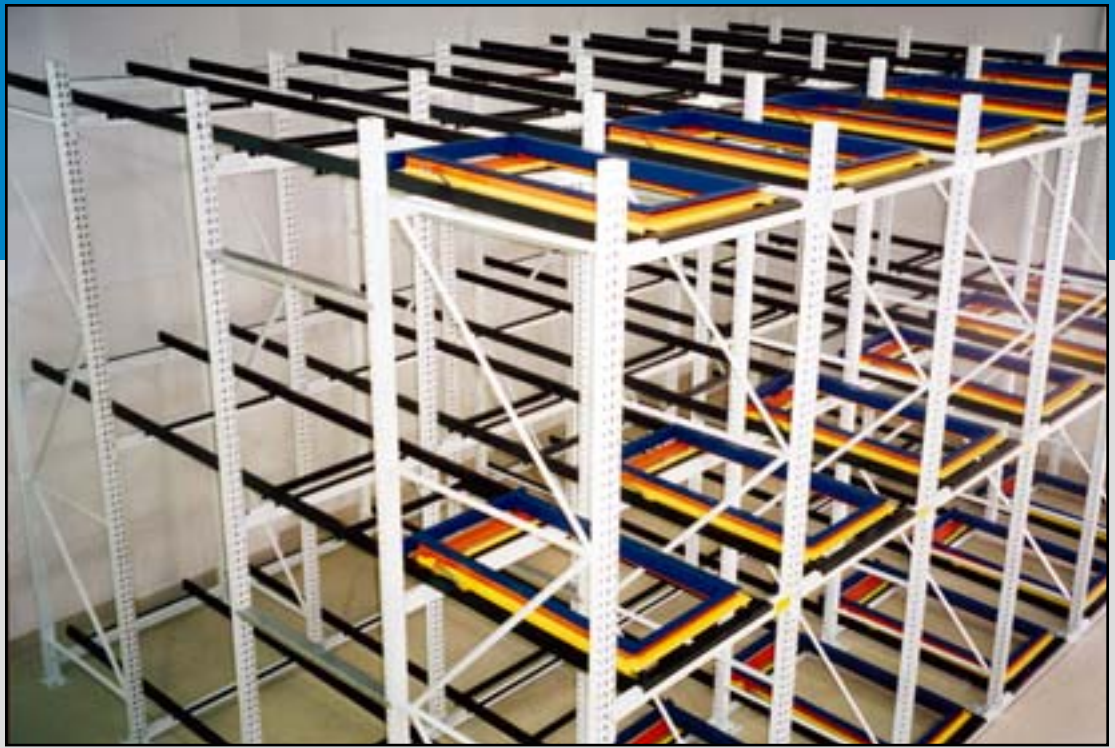


## 2-DEEP PUSHBACK

- *Improve productivity up to 40%.*
- *Product indexes to front position, providing faster put aways and let downs.*
- *Move pallets in pairs.*
- *Increase product storage with extra row of pallets.*
- *Reduce product damage - no blind operation.*

# ABOUT ADVANCE

**Advance Storage Products** is a technology-driven company dedicated to developing the most efficient and economical solution to each customer's material storage needs. Advance started in the design and manufacturing of steel storage products in 1958. We have furnished important installations of nearly every type of pushback system, including high density ASRS, food service, grocery warehouses, freezers, and specialty applications. Advance installations are found from coast to



coast as well as overseas.

Our professional staff brings years of experience to bear in developing the best material handling solution for each project. We back this up with complete state-of-the-art engineering and CAD support. The integrity of Advance design is unassailable.

## Advance Pushback Fits **Any** Rack System

**Advance Lo-Pro Pushback System will mount to all types of rack structures.**



### STRUCTURAL BEAMS

Advance's welded rail frame configuration is designed to bolt to structural load beams that are used in today's high-tempo warehouse operations.



### ROLL FORM BEAMS

Advance's J-Hook rail frame configuration provides secure beam connection to step and box beams. No prepunched holes are required in the beams.



### COMBINATION

Advance's unique welded bed frame rail design will adapt to virtually any combination of structural and roll form beams.



# LO-PROPUSHBACK

## The Best Use of Space

Advance entered the Pushback market in its infancy and has become a leading supplier of Lo-Pro Pushback Systems. Advance Pushback systems are maintenance-free and will provide years of uninterrupted service. We are so confident in our Pushback product, that all our

systems are backed with a limited 3-year warranty. Advance Pushback helps you save space, save time, and save money. Below are a few of the features that make Advance Pushback Systems the best that money can buy:

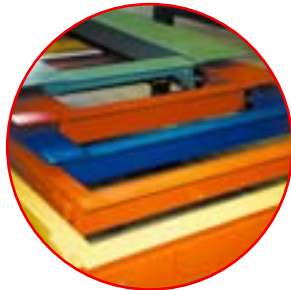
### Captured Wheels

Advance carts are fully captured, preventing cart lift-out by fork truck operators.



### Contrasting Colors

These help the operator identify available storage space on upper levels. Galvanizing is also available.



### Low Profile

Lowest stack height available – measures 5<sup>3</sup>/<sub>4</sub>" on the 6-deep system. This may provide an extra level of storage for customers with limited vertical clearance.



### Pushback Patent Nos.

**5,180,069**

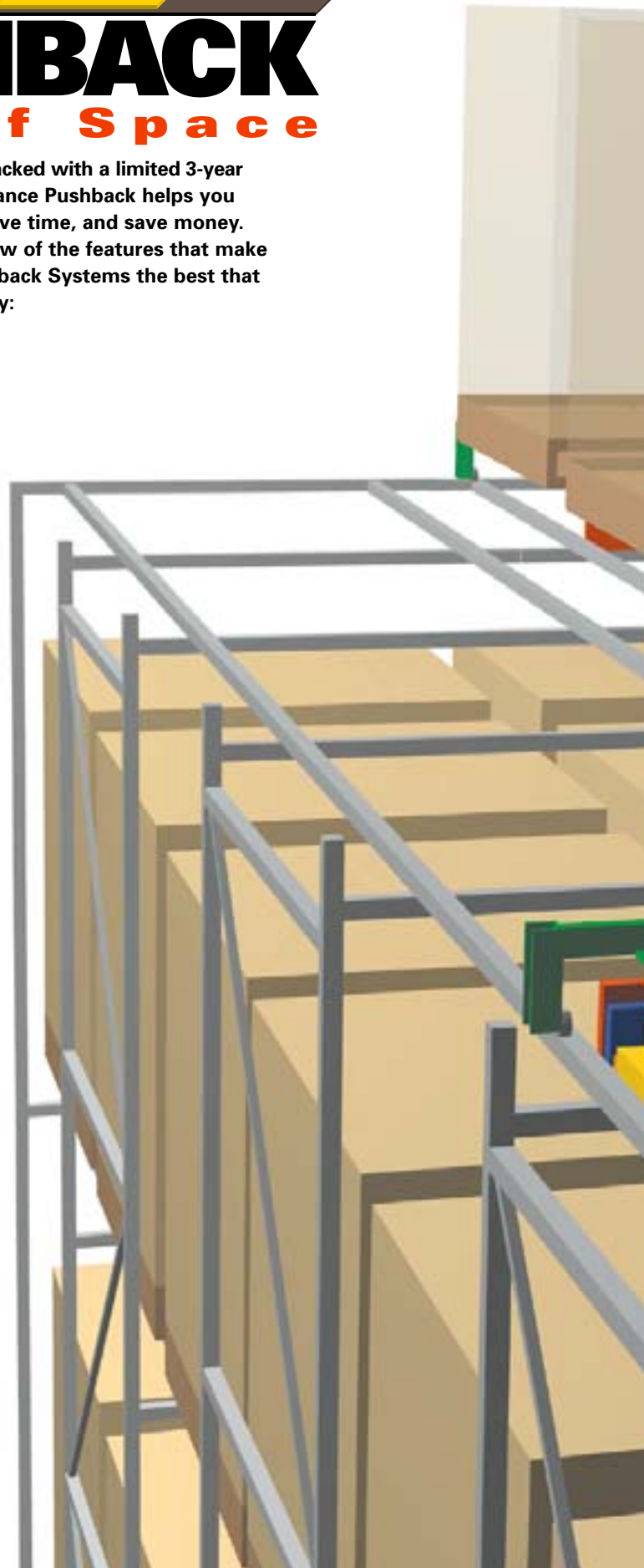
**5,312,004**

**5,415,300**

**5,598,934**

**6,092,677**

**6,129,223**



## Linked Carts

A safety priority! Our linked cart feature prevents carts from rolling separately and eliminates potential runaways.



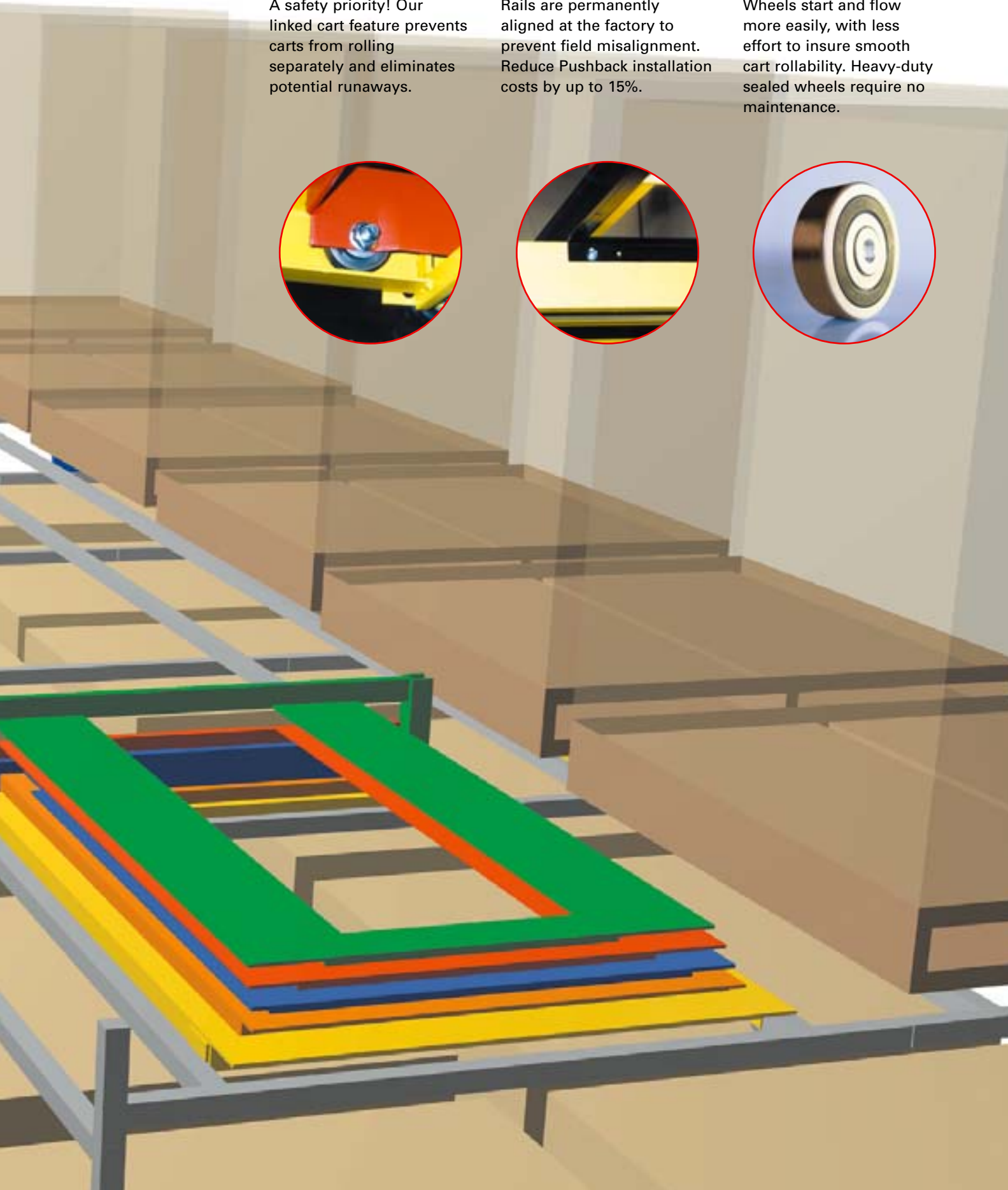
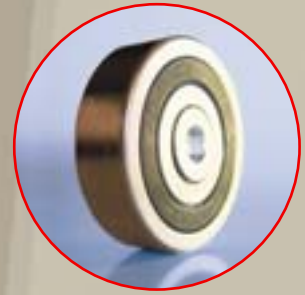
## Welded Rail Frame

Rails are permanently aligned at the factory to prevent field misalignment. Reduce Pushback installation costs by up to 15%.



## Larger Wheel

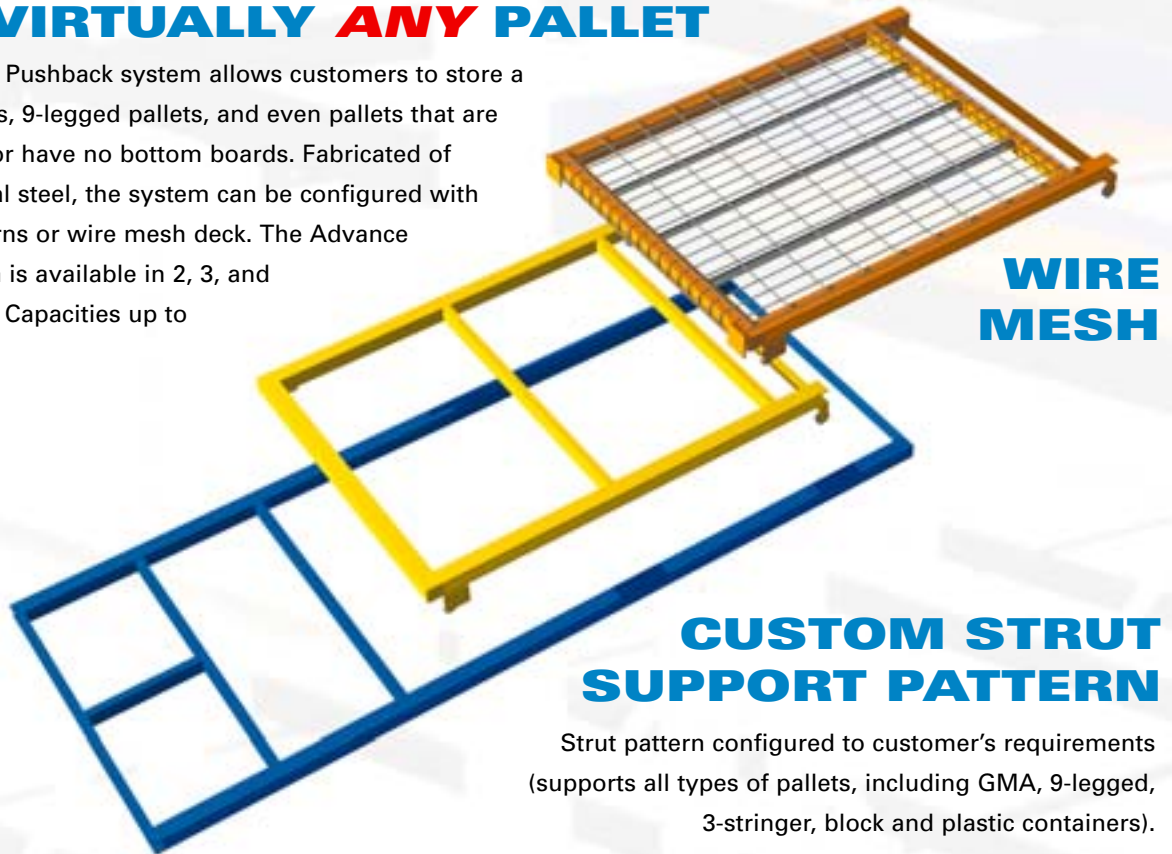
Wheels start and flow more easily, with less effort to insure smooth cart rollability. Heavy-duty sealed wheels require no maintenance.



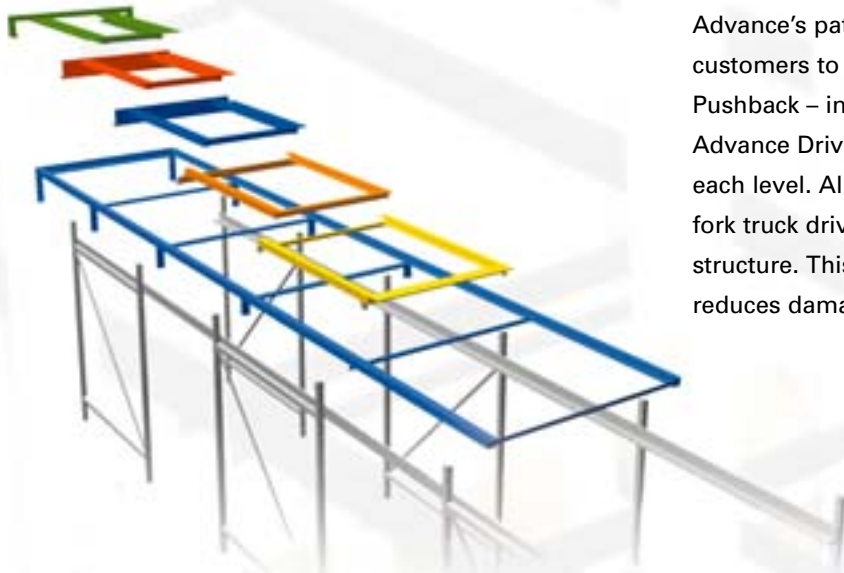
# ADVANCE **PUSHBACK** FULL **SUPPORT**

## STORE VIRTUALLY **ANY** PALLET

This innovative new Pushback system allows customers to store a variety of pallet sizes, 9-legged pallets, and even pallets that are poorly constructed or have no bottom boards. Fabricated of heavy-duty structural steel, the system can be configured with specialty strut patterns or wire mesh deck. The Advance Full Support System is available in 2, 3, and 4-deep applications. Capacities up to 3,000# per pallet.



## TIRED OF YOUR DRIVE-IN? RETROFIT IT WITH ADVANCE PUSHBACK!!



Advance's patented drive-in retrofit system allows customers to convert their existing drive-in rack to Pushback – increasing storage capacity by up to 60%. The Advance Drive-In Retrofit Pushback provides selectivity at each level. All pallets index to the front pick position so fork truck drivers no longer need to drive into the rack structure. This provides a safer work environment and reduces damage to the product and rack.

**U.S. Patent No.**  
**5,312,004**

# ADVANCE **PUSHBACK** IN *USE*

**Below are just a few examples of ways  
to make Advance Pushback work for you**



**PUSHBACK OVER  
PALLET FLOW**



**PUSHBACK OVER  
CARTON FLOW AND  
FLOOR STACK**



**PUSHBACK WITH  
DRIVE-IN BELOW**



**FLOOR MOUNT  
PUSHBACK**

# WHAT **ADVANCE PUSHBACK** CUSTOMERS **SAY**

"At H.E.B. Grocery Company, Advance Pushback rack has been a great enabler for our continued growth. Our storage density achieved with Pushback racks vs. Drive-In racks has aided us in managing our space demands and the Pushback reliability has far exceeded our expectations."

— Bradley Alm, H.E.B. Grocery Company



"Advance's Lo-Pro Pushback has dramatically improved the operation and space utilization in our freezer. Advance provides an excellent product and one of the most durable racks we have ever installed. Their quality is second to none."

— Bill Duffy, President, Pacific Cold Storage



"Our partnership with Advance has produced many successful high-density storage solutions over the years. Our customers have benefited from the Advance team throughout all aspects of the sale from detailed product engineering on custom jobs to extensive aftermarket support when required. They are happy to help."

— John R. Calkins,  
Meyer Material Handling Products, Inc.



  
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