

GLIDE-IN "Push-Back" Storage Systems



FRAZIER[®]

Structural vs. Roll-formed

Strength matters.

We made an important, fundamental decision when developing our manufacturing capabilities to use structural steel for our rack systems instead of inferior roll-formed products.

Extensive testing has proven that structural steel provides these important advantages:

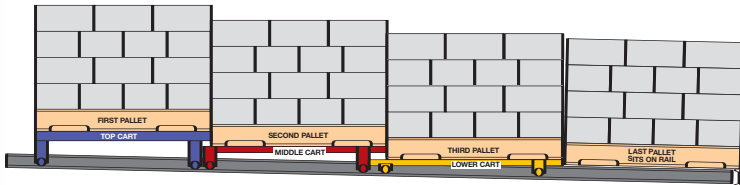
- High abuse resistance — structural is heavy with reinforced channel corners and thicker gauge metal columns.
- If damaged, can be repaired in place.
- Repaired uprights maintain 100% load-bearing capacity.
- Structural integrity maintained where rack is constantly being dismantled and relocated.
- Consistent adherence to precise manufacturing specifications.
- All this, at a competitive price.

Glide-In Easy!

Glide-In or “Gravity Feed, Push-Back” storage is unsurpassed for productivity, selectivity, density, and economy. That is why it is the system of choice for new and retrofit warehouse applications.

A patented system of enveloping, wheeled carts that glide on sloping rails are the FRAZIER components that make Glide-In work.

How it Works



First pallet is placed on the top cart and pushed back. This exposes the next cart for loading. When the second pallet is positioned and pushed back, the third cart is ready. This continues until all the pallet positions are filled. The last pallet sits on the rail itself.

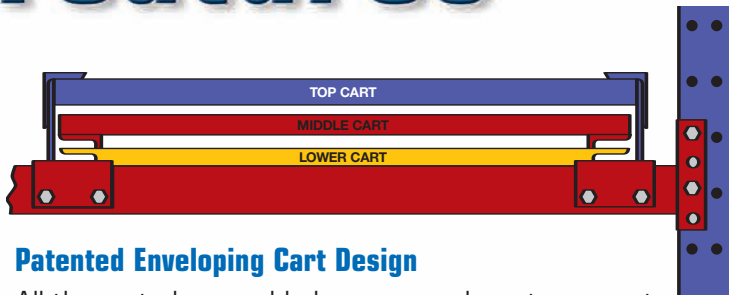
When unloading, the front pallet is removed. Gravity moves all the pallets forward to the front for easy access. As each pallet is removed, the remaining pallets move down into position until completely unloaded and all carts are again in position for reloading.

Where the picking and replenishing operation create an operational challenge, Glide-In is an excellent storage solution.

Easily accessible flow rack is used on bottom level with 4-deep back-to-back Glide-In above for replenishment storage.



Glide-In Features



Patented Enveloping Cart Design

All the carts have welded cross members to support weak or damaged pallets. The carts envelope each other to make each cart readily accessible at the aisle face.

Unique Wheel Design

For easy flow and proper tracking, each Glide-In wheel is treated with light aircraft lubricant, capable of working in a wide range of temperatures, even refrigerated warehouses and wet rooms. Wheels are of one-piece construction with sealed bearings and do not require field assembly.

Track Design

These hot rolled structural steel sections are installed with gradual pitch (usually 5/16" per foot). This gradual slope, together with the low friction wheels, ensures safe and controlled operation.

Bolted Rack Connections

To achieve maximum rigidity, strength, and proper alignment, connections are bolted between uprights, shelf beams, track and bracing.

System Design

The standard components of most Drive-In storage systems can be retrofitted to accommodate FRAZIER's Glide-In system.

Level Carts

Because all carts are level, loads can be filled parallel to the floor for easier fork truck operation and less chance of slipping than with a pitched cart system.

Non-Level Carts

Where there are height limitations, non-level carts provide reduced stacking height, and therefore, provide an overall lower system.

Benefits of FRAZIER Glide-In Storage

- Greatly increased productivity with full pallets always at aisle face.
- The high density storage of Drive-In with the selectivity of a conventional single deep rack.
- Simple inventory control with all pallets at the aisle.
- Complete accessibility of every storage level at the aisle face. Never a need to empty a lower level.
- All you need are standard fork trucks. No specialized lift equipment is necessary.



Ultimate Flexibility

▼ Total Selectivity

Glide-In's greatest advantage over Drive-In storage is that any level can be pulled individually without having to empty lower levels.



▲ Swing Reach

For the ultimate in maximum density and selectivity, combine Glide-In with a Turret Truck in narrow aisle access situations.



Drive to Glide Conversions/Retrofits ▶

Converting existing Drive-In storage to Glide-In is both economical and easy with FRAZIER. Our experts will help design the best system for your needs. FRAZIER components are made with the superior strength, abuse resistance, and flexibility of structural steel. Importantly, conversion will be done without shutting down warehouse operations.

FRAZIER®

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