



The Original

PIK®
GRAVITY FLOW RACK

SOUTHWESTSOLUTIONSGROUP
business organization systems

www.southwestsolutions.com

Toll Free 1-800-803-1083

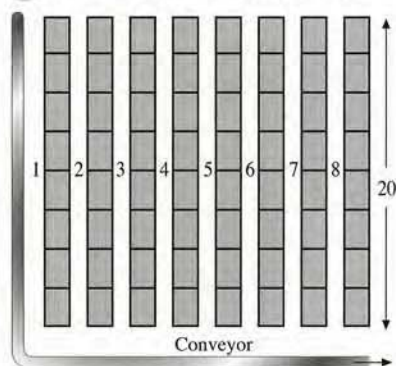
Orderpicking and Restocking

QuikPik improves efficiency...

Cut Walking Time and Labor Costs 75% and Store 100% Of Product In Half The Space!

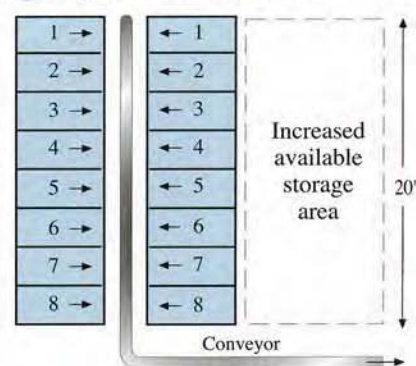
- provides one facing per item instead of an entire bin or pallet location
- employee travel time dramatically reduced
- increases available space

Go from static shelving...



8 Aisles at 20' = Pickers travel **160** Linear feet

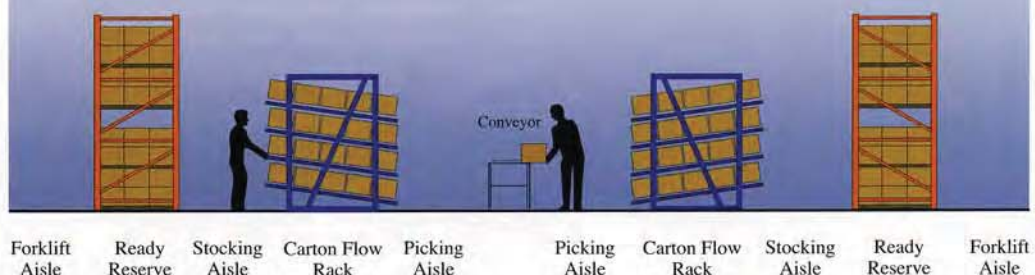
...to QuikPik Flow Rack!



1 Aisle at 20' = Pickers travel **20** Linear feet

Separate Pickers From Stockers

- increased productivity
- improved workflow
- easier supervision
- more accurate picking
- provides greatest number of facings
- minimum travel with easy reach



Make better use of your space!

Sizes Available With Adjustable Heights On Each Shelf Level		
Width	x	Depth
48"	x	96"
48"	x	108"
96"	x	96"
96"	x	108"
120"	x	96"
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144"	x	96"
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QuikPik Eliminates Problems with Dated Products



Dated products automatically move forward in the system, so that the first products stocked are the first to be picked.

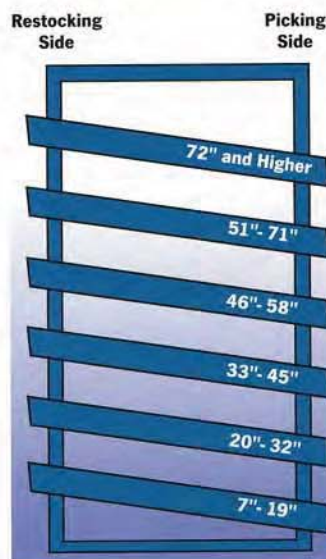
and saves you money!

When to Use Carton Flow Rack

- for split case or full case picking
- when many items of different sizes are stocked (500+)
- if items are picked in small quantities per order
- when at least 2 cubic feet per week is moved

Choosing A Storage System

Cubic feet/week	Storage System
< 2	RiveTier Boltless Shelving
2-8	QuikPik Carton Flow Rack Model 60
6-12	QuikPik Carton Flow Rack Model 90
10-17	QuikPik Carton Flow Rack Model 120
15-50	QuikPik – consult engineering



Ergonomics and Efficiency

Ergonomics is becoming an increasingly more important consideration in picking and work environments.

Ergonomics

The National Institute for Occupational Safety and Health (NIOSH) recommends a **51 pound** maximum weight limit for lifting compact objects.

Pick Efficiency

Maximum density and pick efficiency are achieved by installing as many shelves as possible within the optimal pick zone and arranging items according to pick frequency.

Worker Efficiency

- Picker efficiency improves when pickers are able to memorize slot locations:
- Maintain same # of shelves per section
 - Maintain same # of slots per shelf
 - Identify merchandise clearly

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Orderpicking and Restocking

The QuikPik Advantage



Adjustable

New And Improved

RollaTrak holds over 50 lbs. per lineal foot*. The self cleaning rollatrak firmly locks into place without tools yet is easily removed.

* Typical systems are designed for 25-30 lbs. per square foot. For capacities up to 50 lbs. per square foot, consult our Western Pacific Engineering department.

Smooth front edge – no sharp burrs or protruding hardware means no skinned knuckles



Upright has T-slots on both sides to serve as a common post for adjacent units. Save money and space!



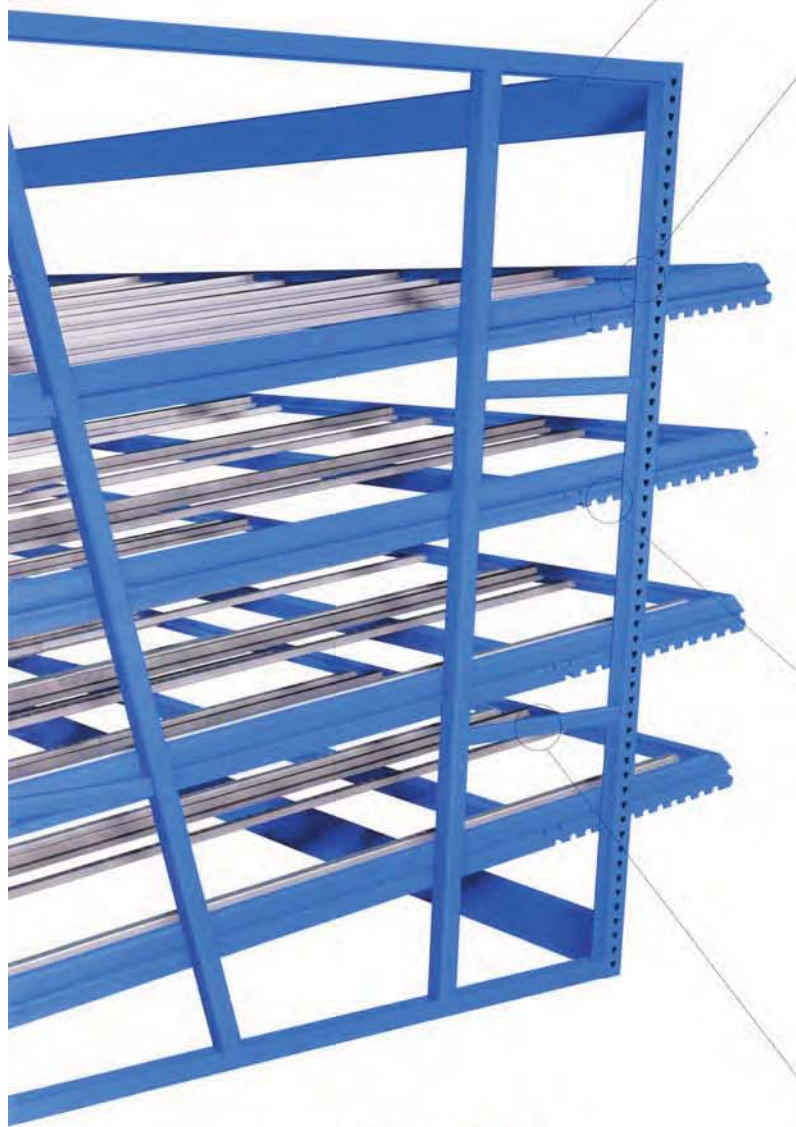
Guide Rail locks in place by slipping under the teeth at the rear of the shelf, so it won't roll over. 1/2" adjustability makes lane changes a breeze.

Accessible

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The Original Carton Flow Rack



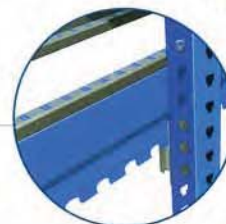
Flexible

Combination of 4" and 7" Sway Braces ensures a rigid unit. 4" sway brace at the rear permits full use of unit's height.



Vertical Upright Frames

have smooth, round edges. T-slots stamped every 1 1/2" provide 3/4" adjustability with the standard hanger bracket. The unique hanger design allows easy adjustability without removing shelves.



Multiple Notching

of shelf siderails permits adjustable placement within the upright for squarefront or layback configuration.



Cross Bracing on vertical uprights adds strength and rigidity, allowing layback or squarefront configurations with the same frame.

The QuikPik Advantage

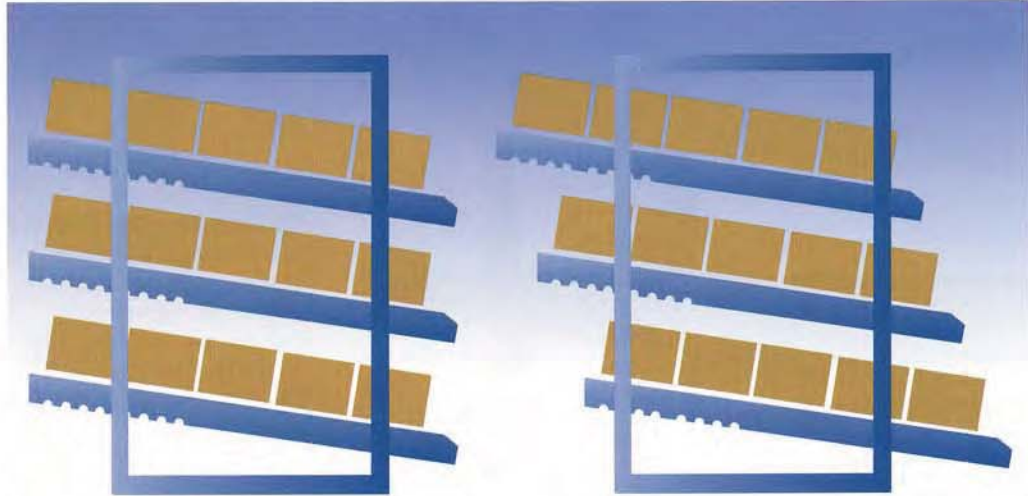
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Vertical Frames

One Frame Fits All

Unlike other flow rack, QuikPik allows both layback and square front configurations from the same vertical frame. Our notched shelf frames and T-slot design make adjustment quick and easy. When your requirements change, versatile QuikPik is ready to fill your needs.



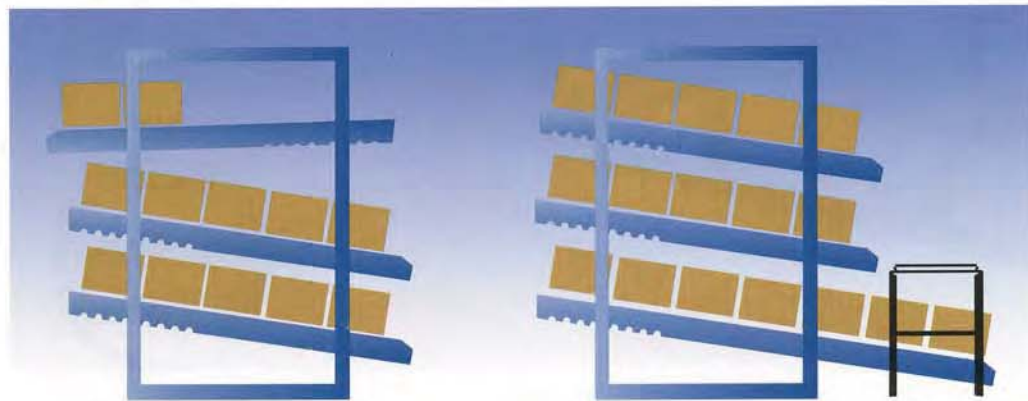
Square Front

- ideal for full case picking
- requires less floor space than layback configuration

Layback

- notched shelf frames allow for a variety of layback configurations
- maximum pick window for split case picking

Optional Configurations



Takeaway Shelf

Use a takeaway shelf for return of empty boxes or totes to stockers.

Extend Bottom Shelf

to present product below conveyor and use all available space.

Sizes Available With Adjustable Heights On Each Shelf Level

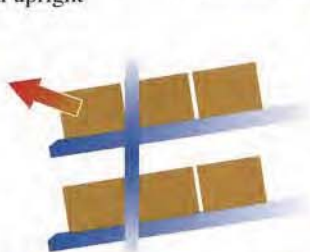
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Labor savings up to 75% with QuikPik flow rack!

Four Shelf Styles

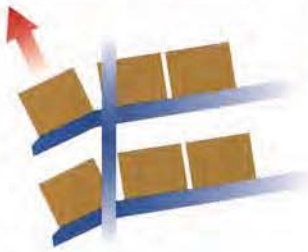
QuikPik shelves are sturdy and feature a smooth, low profile front rail to offer the maximum pick window available. Shelves install into the rack by simply hanging on a hanger bracket attached to the upright; no nuts or bolts required! Standard shelves are designed to handle loads of 25-30 lbs. per sq. ft.

- optional impact tray at rear protects shelf and product from damage when storing heavy product
- notching at rear of side rail provides adjustability front to back and solid connection to vertical upright



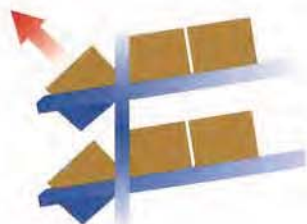
Straight

- $3\frac{3}{8}$ " pick window
- for full case picking
- most commonly used, most economical



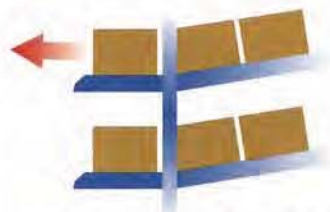
Knuckle

- $4\frac{1}{8}$ " pick window
- for split case picking
- ideal for items to be picked from top of carton



Weld-In Tray

- $7\frac{1}{8}$ - $8\frac{7}{8}$ " pick window
- for split case picking
- maximum window for picking from top of carton



Reverse Knuckle

- 4" pick window
- for split case picking
- ideal for items picked from front of box

RollaTrak – The Heart Of The System!

- RollaTrak simply drops into place in the front and rear of shelf
- $\frac{1}{2}$ " adjustability for flexible, easy lane changes
- inverted channel is dirt and debris free
- guide rail drops into place – no nuts, bolts or tools required
- locking guide rail adjusts easily for maximum versatility



Testing conducted at an independent research facility showed that QuikPik RollaTrak is stronger than ever.

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KD Shelf

QuikPik KD Shelf snaps together quickly and easily — no bolts, screws or pins needed! — with all the advantages of our welded shelf.

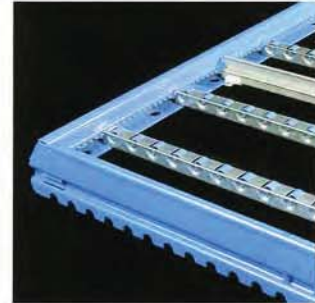
- ship bundled, snap together on site
- designed for loads of 15-50 lbs. per sq. ft.; consult engineering for heavier loads
- completely boltless!
- easy to handle
- easy to install
- strong and durable



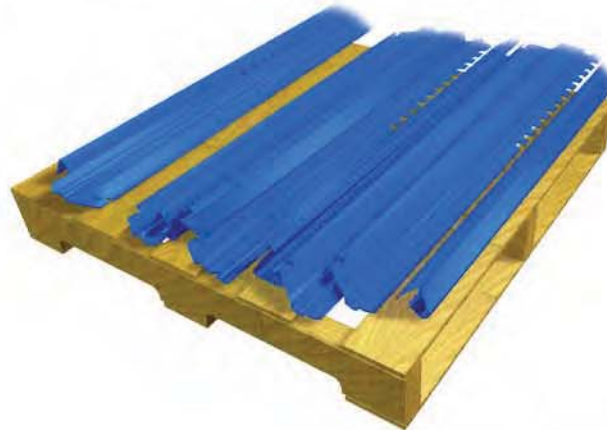
Snap on endrails...



drop in crossties...



add track and guides and you're ready to roll!



Our KD shelf parts ship nested together in a compact unit. Saves on shipping costs!

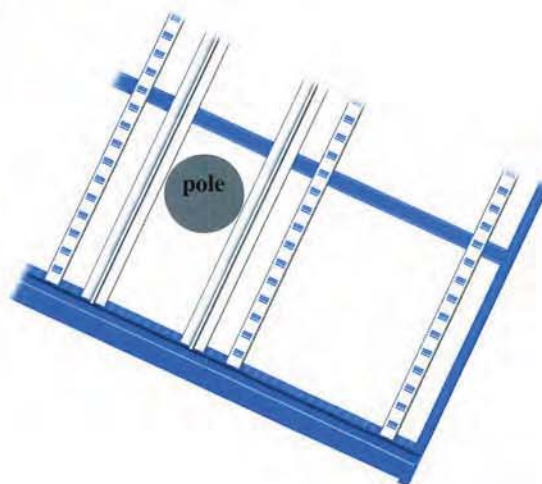
- load arrives safely and damage free
- can easily be unloaded with a fork truck

QUICK
ASSEMBLY

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On Each Shelf Level

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Columns and other obstructions pose no problem for our KD shelf — just build around them! Snap-together assembly makes installation nearly effortless.



Innovative Storage Solutions!

Universal Hanger Bracket quickly and easily changes your static storage unit to flow rack.

- attaches to pallet rack uprights to convert pallet storage to carton flow rack— no tools needed!
- works with our QuikPik welded and KD shelves
- increases storage capacity by up to 150%



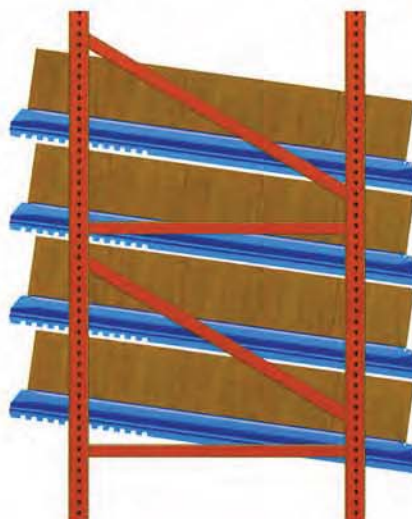
Just attach our patented **Universal Hanger Bracket** to your pallet rack and drop in a QuikPik shelf — it's that simple!



Store 150% more in the same amount of space by converting your static pallet rack to a live carton flow system in minutes.



Go from this...



...to this!

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Widespan Shelf

Applications



Products commonly picked from QuikPik:

Warehouses and Distribution Centers

- beverage and liquor
- books and magazines
- clothing
- electronics
- food
- health and beauty aids
- home goods
- hospital and pharmaceutical
- optical products
- paper and packaging
- perishables
- tobacco products
- videos, cassettes, CD's

Manufacturing Plants

- JIT assembly
- kitting operations
- work cells

Catalog Fulfillment Centers

Retail Merchandising

QuikPik Carton Flow Rack can utilize storage space effectively and can be used together with conveyors and static storage units in a mezzanine system.

QuikPik can be easily adjusted! QuikPik Carton Flow Rack can be easily adjusted to accommodate the introduction of new units or new products as well as other changing needs.

Items are always within reach! Merchandise remains efficiently organized, and is automatically rotated on a first-in/first-out basis.



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Heavy-duty QuikPik keeps your business rolling!

Our reverse knuckle shelf allows picking from the front of the box and can be combined with other shelf types for optimal picking.

No more skinned knuckles-
QuikPik allows ample room
for efficient picking.



Combining QuikPik Flow Rack
and conveyors can speed up your
picking operation while
maintaining order and
efficiency!

QuikPik flow rack provides greater return on investment than other methods of order selection. QuikPik is less costly than automated equipment, requires no power source or maintenance, and is far more efficient than static storage. Because it is designed for full and split case order picking, QuikPik offers many of the best features of both automated and static systems.



Applications



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Freestanding

If your business requires a single unit for storage or merchandising, QuikPik can get the job done.

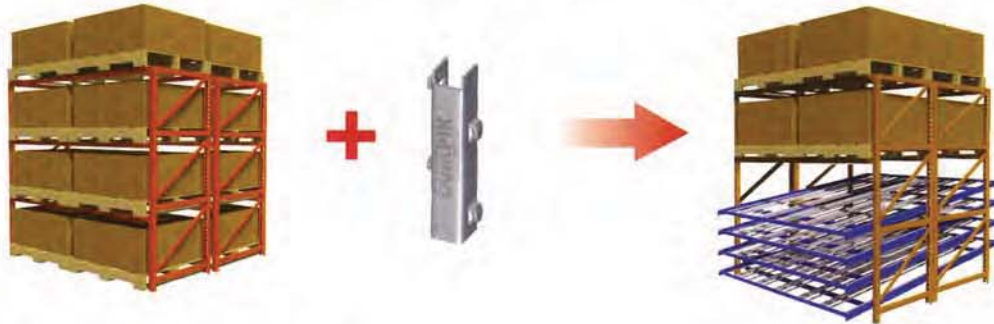
Pallet Rack Over the Rear

This system offers storage directly over the flow rack for fast moving items, while also maximizing your floor space with two-and-three-tier storage. This configuration is most effective for long term storage and items which must be removed in total pallet quantities.



Converting Pallet Rack To Flow Rack

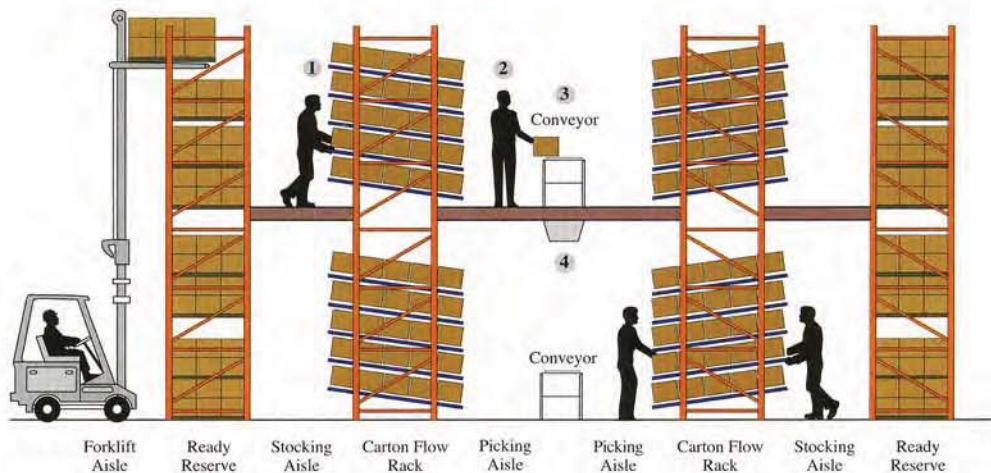
Using our Universal Hanger Bracket, you can convert your existing pallet rack to flow rack and increase storage space by up to 150%.



Multilevel Systems

Multilevel systems efficiently integrate static and flow rack while maximizing the use of floor space.

1. Restocker loads product into system
2. Picker selects item & puts on staging conveyor
3. Conveyor carries order away
4. Empty cartons are placed on trash conveyor



Sizes Available With
Adjustable Heights
On Each Shelf Level

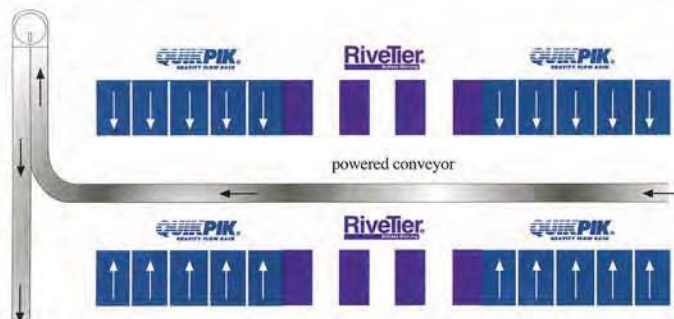
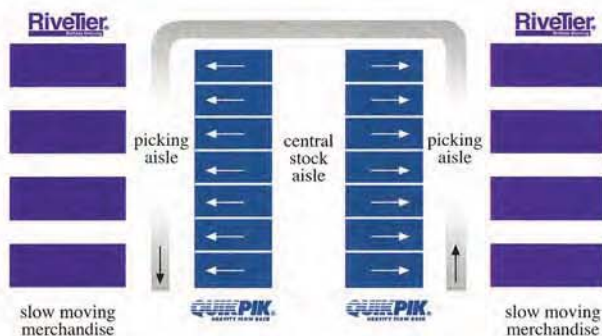
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Pick-To-Light

Speed up your picking operation! QuikPik flow rack is compatible with many third-party pick-to-light systems.

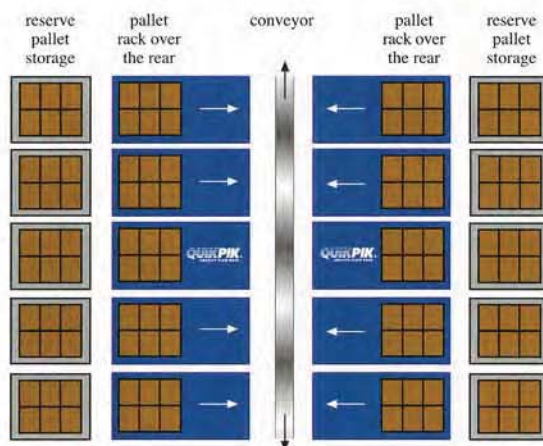


In this horseshoe configuration, fast moving items are stored on main picking aisles for easy access and maximum picker productivity. Restocking occurs from the center aisle without interrupting order picking flow.



A combination of RiveTier static storage and a live QuikPik system supplies product of varying volume to pickers at a central conveyor aisle. Orders move into a consolidation area, freeing pickers to continue order selection.

Pallet storage over the rear and reserve pallet storage provide ready stock to replenish QuikPik carton flow rack without interfering with the picking process.



Applications

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System Components



Vertical Frames

- roll-formed 12 gauge steel
- square front and layback configuration use same frame
- heights from 96" to 336"



Sway Braces

- 16 gauge steel (84" c/c or longer are 14 gauge)
- 4" and 7" heights



Guide Rail

- 22 gauge roll-formed steel channel metal
- extends 5/8" above rollers



RollaTrak

- 22 gauge inverted channel
- capacity of 50 lbs. per lineal ft. (system capacity may vary depending on individual application)
- impact resistant rollers
- rollers are 3/4" d x 3/4" w
- rollers on 1 1/2" centers



Shelf Frames

- 12 and 14 gauge steel
- 3/4" vertical adjustment
- standard depths from 60" to 120" – nonstandard to 240"
- standard widths to 96"



Multi-level Systems

- live load ratings of 125 to 200 lbs. per square ft.
- require 3" x 3" pallet rack upright frames in place of standard flow rack posts
- meet OSHA and UBC/BOCA requirements

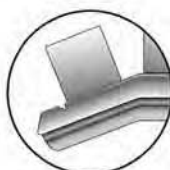
Shelf Options

- 4 shelf types
- optional Impact Tray at rear protects shelf and product from damage when storing heavy product
- all shelves feature:
 - low profile front rail for maximum pick window
 - no nuts or bolts- easy adjustability with our hanger bracket
 - durable construction
- notched siderails provide front to back adjustability and solid connection to vertical frame
- standard capacity of 25 lbs. per sq. ft., capacities up to 50 lbs. per sq. ft. available.



Straight Shelf

- for full-case picking
- least expensive shelf type



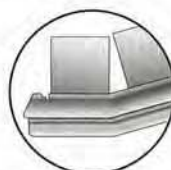
Knuckle Shelf

- for split-case picking
- 12° tilt at front of shelf
- standard 12" knuckle front available in 3" increments to 24"
- 1/4" masonite tray in knuckle area



Weld-In Tray

- for split-case picking
- 30° tilt at tray end of shelf
- 16 gauge steel
- standard 12" tray available in 3" increments to 24"
- largest pick window



Reverse Knuckle Shelf

- for split-case picking
- 4" pick window
- for products that stack flat in box

Technical Specifications

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