



PLANIFORM

The most efficient,
organized way
to store and
retrieve GOH and
accessories.

 **CAROUSEL**
Pick Module

**SAVE SPACE AND REDUCE
LABOR COSTS**

with massive storage and fast retrieval times.
There's no better choice for garments on hangers,
accessories, or other hanging items.

DOING MORE WITH LESS

Employment numbers in the warehouse and storage sector have never been higher, with nearly 1.5 million people employed in the US, according to October 2021 statistics from the United States Bureau of Labor.

Yet, paradoxically, GOH companies still often find themselves overwhelmed and understaffed. The COVID-19 pandemic seems to have permanently changed the way North Americans shop, leaving merchants struggling to keep up with ecommerce demand.

Now, more than ever, companies want to fill positions in labor-intensive areas like picking, packing, and shipping—but simply can't. Add to this the increasing pressure around leasing warehouse and distribution space—with vacancies at an all-time low—and it's clear that a new approach is necessary.

Furthermore, as the post-pandemic world sees more supply chain troubles, workforce disruptions, border closures, and general uncertainty, something has to give... Smart companies are looking to make the most of their warehouse space, increase productivity to mitigate labor shortages, and speed up fulfillment to maximize inventory turns.

Sources:

<https://data.bls.gov/timeseries/CES4349300001>

<https://www.cnbc.com/2021/07/10/commercial-real-estate-warehouse-demand-offsets-vacant-office-space.html>

https://www.tradeconomics.com/iec_publication/impact-covid19-transport-logistics/





THE CAROUSEL PICK MODULE FROM PLANIFORM

MAXIMUM STORAGE,
SPEED AND EFFICIENCY

Now you can efficiently handle millions of hanging items—while reducing labor costs and increasing throughput. Planiform's Carousel Pick Module is an efficient, organized, and durable system that automatically stores and retrieve large quantities of garments on hangers, accessories, or other items.

Maximize your space

Make the most of your square footage with options for single, double, and triple decks on one, two, or three levels. And because it doesn't need a walking aisle between each row of storage, the Carousel Pick Module uses the smallest square footage possible.

Maximize your speed

An advanced computer system oversees storage and retrieval, boosting storage and retrieval speeds to hundreds of items an hour per employee.

Maximize your existing labor force

Signals show which carousel should be accessed, and the system has the item ready when the operator arrives. That means one person can now handle up to 300 units an hour—five times as many as a typical static system.

HOW THE CAROUSEL PICK MODULE WORKS

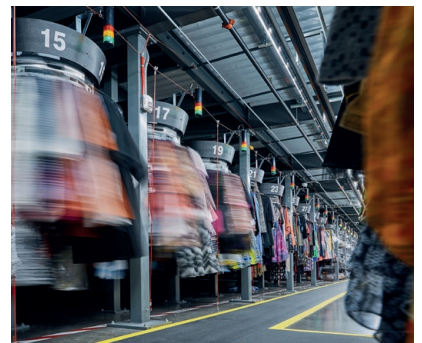
If you've been relying on static racking to store your items, you're not alone. Many warehouses and distribution centers have employees walking a single floor, in and out of hundreds of feet of hangers. That's not an efficient use of time or space.

Others have realized that stacking high can vastly increase the amount of storage in their space. But with mezzanines often come elevators—which are both costly and time-consuming to install. (Don't forget that waiting for elevators also eats into productivity.)

The Carousel Pick Module, on the other hand, offers both increased storage and increased productivity. Built as high as three or four levels, with optional two- or three-tier storage on each, the Carousel Pick Module features catwalks that comply with your business' seismic requirements.

Our sophisticated carousels are linked to a computer system and present each garment for picking. Tower lights indicate which carousel should be accessed to find a garment, which means your operators will find it easier than ever to locate and retrieve garments. Overall productivity rises, and operational costs stay at a minimum.

For faster, more efficient garment storage, the Carousel Pick Module makes traditional racking a thing of the past.



Built for your GOH operations

If your organization handles at least 50,000 garments per day, you should see ROI in less than three years.

- Efficient, organized, and highly durable
- Perfect for distribution centers, ecommerce fulfillment operations, and warehouses
- Proprietary algorithm optimizes storage and retrieval of GOH and accessories
- Works with items on hangers and in bags
- Scalable to millions of items
- Built for the smallest footprint possible
- Central catwalk allows access to multiple floors
- Compatible with Planiform's Automatic Garment Sorter for order consolidation
- Optional Clip and Pin Conveyors enable transport between areas of the warehouse



THE CAROUSEL PICK MODULE AT A GLANCE



CUSTOMIZABLE

Make the most of your square footage and ceiling height.

SCALABLE

Designed to grow with your workflow. Seamlessly add capacity as necessary.

EASY TO GET STARTED, EASY TO MAINTAIN

Operator-friendly with a low learning curve. Only minimal, easy maintenance is needed.

CONVENIENT

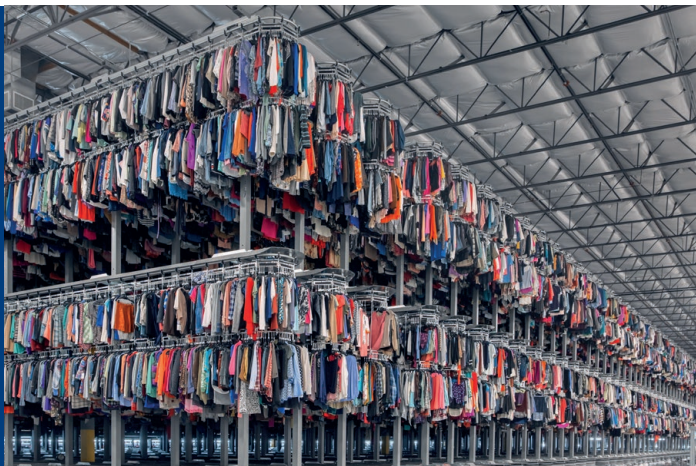
Works with any hanger you already use. No need to switch.

COST-EFFECTIVE

See a positive ROI on your Carousel Pick Module in just over two years.



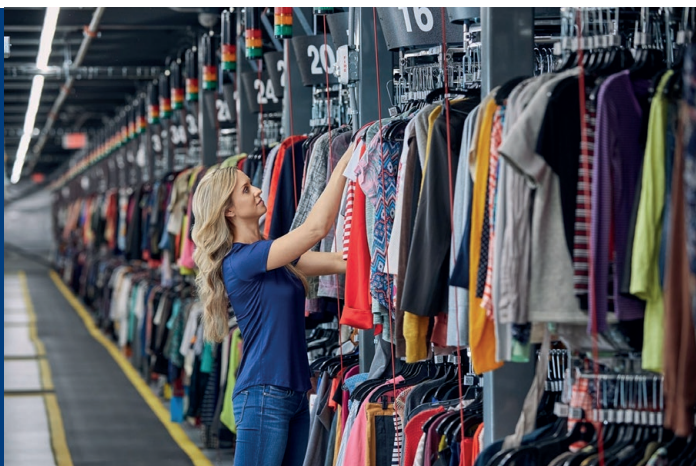
The Carousel Pick Module in Action



Store millions of garments on multiple floors of multiple tiers. Retrieve and put away tens of thousands of items every day.



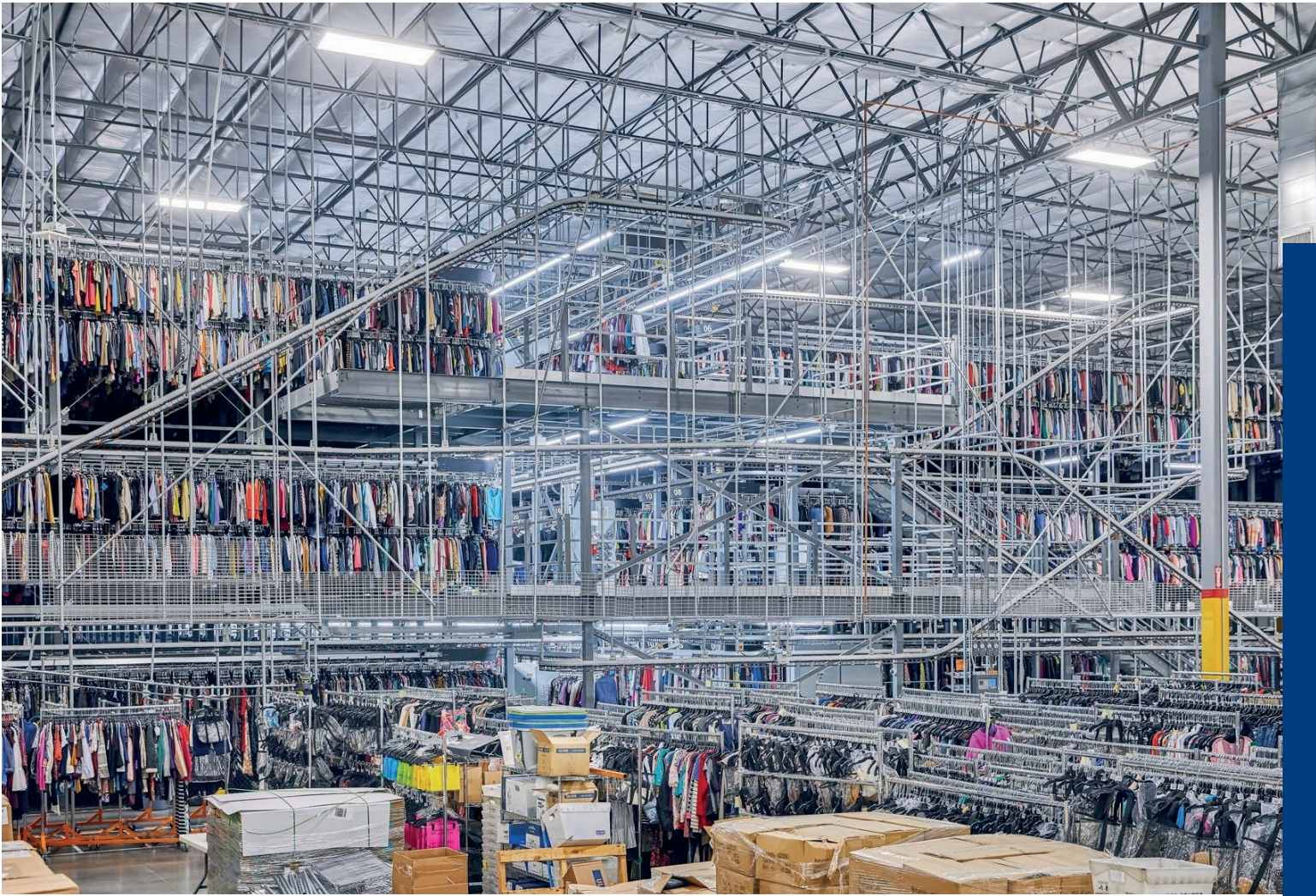
Items are housed on motorized carousels and retrieved with RFID tags or bar codes. Inventory updates itself in real time.



Planiform's proprietary algorithm is optimized to provide the fastest retrieval time possible.



Carousels bring the item while the operator is walking to retrieve it, using their time efficiently.



Module layout is custom-designed to maximize the available space in your facility.

FAST FACTS

STORAGE ON MULTIPLE TIERS

Single-tier, double-tier, or triple-tier carousels

FLEXIBLE TECHNOLOGY

Store GOH and accessories using RFID, QR codes, or UPC

SIMULTANEOUS OPERATION

Multiple carousels turning at the same time enable fast retrieval time

OPERATOR-FRIENDLY

Tower light indicators help with storage and put-away

DESIGNED FOR HIGH NUMBERS OF SKUS

Capable of storing and retrieving millions of units at 300 units per hour, per operator

CONTROL PANELS MEET STANDARDS

Planiform provides full UL-, CE- or CSA-approved control panels



Planiform

*Revolutionizing your GOH handling
through innovation*

Planiform develops, produces, and installs leading-edge products and systems for our customers around the world.

WE PROUDLY SERVICE:

- Ecommerce, Warehouses & Distributions Centers
- Apparel & Formalwear
- Uniform Rental, Laundry & Dry Cleaning
- Industrial Manufacturing
- Casinos, Hospitals, Hotels & Prisons

Backed by over 50 years of experience, we are passionate about our design, many of which are highly automated to help you work more efficiently than ever before.

THE PLANIFORM APPROACH

- Innovative designs
- Collaborative process
- Proactive approach
- Dedicated team
- Expert knowledge
- 50+ years of experience
- Cost-effective solutions
- Customizable models
- Easy maintenance
- Proven ROI
- Exceptional customer service

OUR PRODUCTS

- Carousel Pick Module
- The GOH Hive
- Automatic Garment Sorter
- V-Rail - Garment Monorail Systems
- Garment Conveyors
- Garment Open Rail and Static Racking
- Overhead Enclosed Track Conveyors
- A2B Clip and Pin Conveyors
- Retail Stockroom Conveyors
- B2K Uniform System
- Free-standing Structures and Mezzanines
- Graduated Hook Garment Sorter



The world leader in garment-handling innovation



LEARN MORE ABOUT THE CAROUSEL PICK MODULE

Our qualified sales team is ready to answer your questions or prepare a quote. Together, let's find the right solution for your business.

Planiform | Revolutionizing your
GDH handling through innovation

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At Planiform, we believe that success begins with an excellent relationship between our clients and our employees. We are proud to present to you a partial list of our valued clients.

Deloitte.

QUIKSILVER 

LOUVRE

LUCKY * BRAND



CINTAS

 **TAILORED BRANDS**

 **AmeriPride**
LINEN & UNIFORM SERVICES

UniFirst

ALSCO

JACK VICTOR

Moore's
CLOTHING FOR MEN