

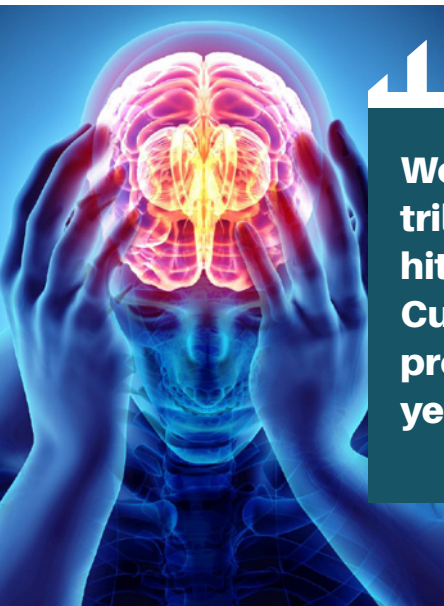


**WORLD CLASS
PICKFACE
PERFORMANCE FOR
HIGH VOLUME
FULFILLMENT**

NAVPICK

Are unit and case picking requirements giving you a headache?

For rapid relief, look to the NavPick ground level order fulfillment system. The need for case and unit picking is rising every year; are you positioned to stay in the game?



Worldwide retail e-commerce sales reached \$2.290 trillion in 2017, some 10.1% of all retail sales, and are set to hit \$4.479 trillion by 2021.

Current retail trends show that 51% of Americans prefer online shopping, with ecommerce growing 23% year-over-year.

— Forbes —

Ecommerce facts and figures:

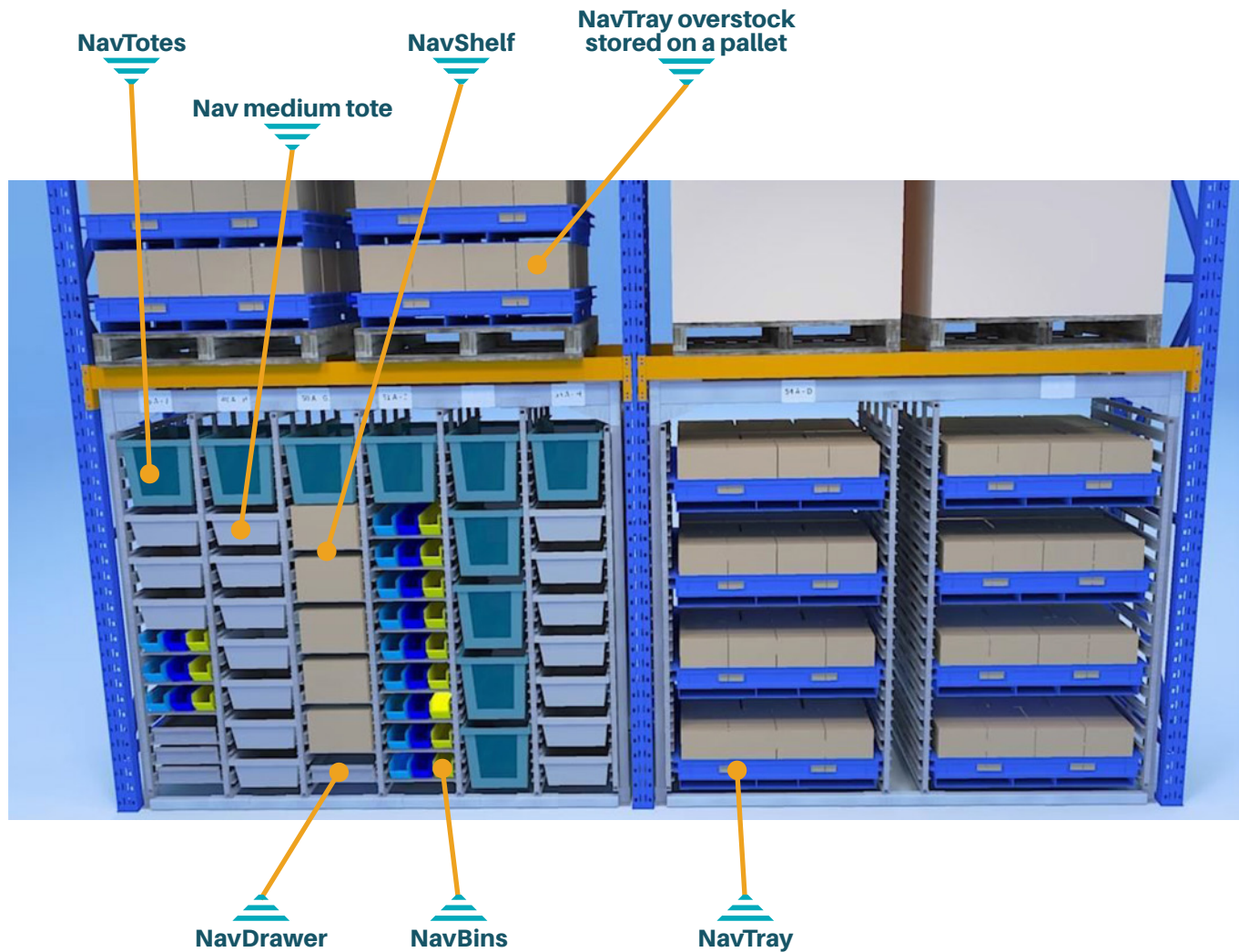
Online shopping is one of the most popular online activities worldwide but the usage varies by region. The Online Retailing: Britain, Europe, US and Canada 2017 research report from the Centre for Retail Research shows that the retail online retail sector is the main driver of growth in European and North American retailing, achieving in Europe growth rates of **18.2%** (in 2015), **15.6%** (2016), and expected increases in 2017 of **14.2%** and **13.8%** in 2018.



The tremendous growth in small order fulfillment requires fast, effective turnaround on case and unit pick operations. The **NavPick** system is here to provide a real solution, by increasing efficiency and flexibility and eliminating high reach order picking. As consumers' delivery time expectations are increasingly shortened, combined with the current labor shortage, companies will become more and more reliant on efficient methods of order fulfillment. **NavPick** combines true innovation with best practices in manufacturing to bring our clients real savings on a day to day basis.

Densification of your floor level storage using NavModules

Here is one possible configuration; there are literally hundreds of ways to configure NavPick, using the many accessories available. It is completely modular and is easily reconfigured.



Any combination of the storage containers shown above is possible. **NavModule** is adapted to your ideal configuration.

NavPick's NavModule puts the maximum of skus at ground level within easy reach of pickers. Whether it is case pick, unit pick, large parts or small, **NavPick** has a solution to optimize the storage, picking and replenishment and allow you to scale your business. The **NavModule** is a cinch to configure due to the design of the support panels that hold the bins, totes, shelves or trays. The **NavModule** can be adjusted in two axes, horizontally and vertically. Should your needs change, or you have additional skus that need to be added, the **NavModule** can easily be reconfigured.

Lower your picking costs dramatically

- ✓ Save on personnel costs
Personnel picking at ground level are easier to find than qualified order picker operators, and cost considerably less.
- ✓ Save on the efficiency of the layout
The densification that our system provides means far less steps are required. These means more line items per hour, less fatigue on the part of your pickers, and your space is utilized more effectively.
- ✓ Save by picking on the ground level
Ground level picking is 25–50% faster than using man up order pickers. With the extra high density of our system, you'll be putting far more sku's on the floor. There is little or no wasted space due to the way our pick module is configured with so many easy to use slide in spaces.

ELIMINATE THE USE OF MAN UP ORDER PICKERS

Elevated platform pickers not only represent a hazard for personnel who may use them without harnesses or climb into the racks, but they are also very inefficient.

Typical picking rates in man-aboard operations range between 40 and 100 lines per person-hour. Man-aboard systems are typically appropriate for slow-moving items and low volumes of orders to fulfill per day.



STOP USING INEFFICIENT STANDARD SHELVING

Conventional shelving is usually one bin deep and often large amounts of valuable space are wasted.

Once installed it is not easily reconfigurable to accommodate a change in your needs due to its fixed nature.

In addition, there is no way to load the shelves with mechanized equipment. Everything is done by hand.

Save incredible amounts of space

FROM THIS:

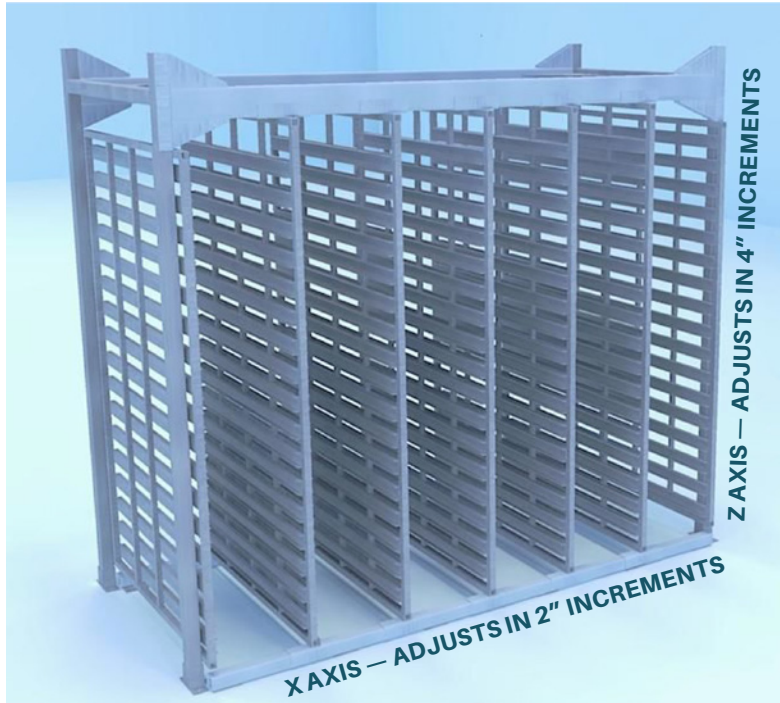


TO THIS:



When you bring your picking down to ground level, you save significant amounts of space in the upper levels, allowing you to store more pallets. Your storage cost per pallet position can be significantly reduced, and you can now scale up your operation without having to move. Additionally, horizontal (on the floor) picking is far more efficient than vertical picking.

The **NavModule** is free-standing, constructed of structural aluminum and helps you save money, every day of the year



OF PICKING DEPTH STANDARD
(other depths available special order)

Constructed of rust free structural aluminum the pick module structure is completely modular. Fits inside your existing racks, or may be installed as a stand alone unit.

Utilize the full depth of your racks

Now you can utilize the full depth of your pallet racking for storage and picking. The design of our **NavModule** optimizes the depth by allowing for double bin storage. You can either pick from both sides in the case of single deep racks, or use a kanban system where the second bin is pulled forward when the first bin is empty in the case of back to back rows.

The **NavModule** may be used in a wide range of configurations



CONFIGURATION 1:

Three pallets deep picking done in the interior walkway, replenishment is done at the outer faces. Advantage: the pickers are not sharing space with mechanized equipment.



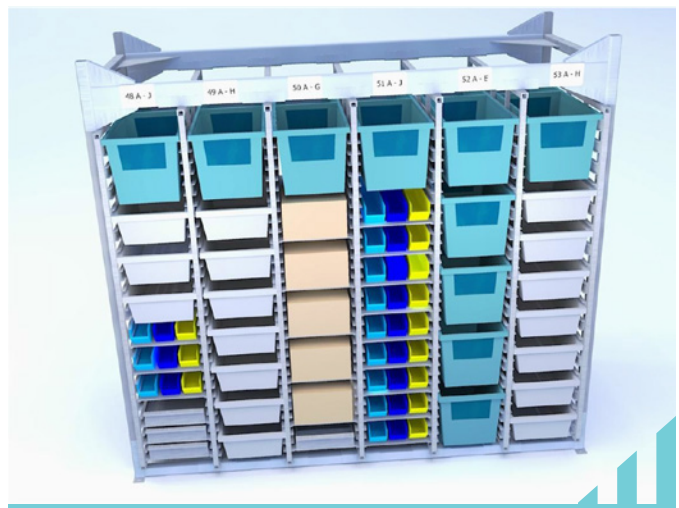
CONFIGURATION 2:

Single rows with picking from both sides or picking on one side only, and replenishment done on the other side.



CONFIGURATION 3:

Back to back rows with picking and replenishment done at the face of each row.



CONFIGURATION 4:

NavModule as a standalone unit. Picking at the face, replenishment at the rear, where space permits.

The **NavModule** can be quickly and easily reconfigured, by adding or removing Vertical Panels



RECONFIGURING IS A CINCH.

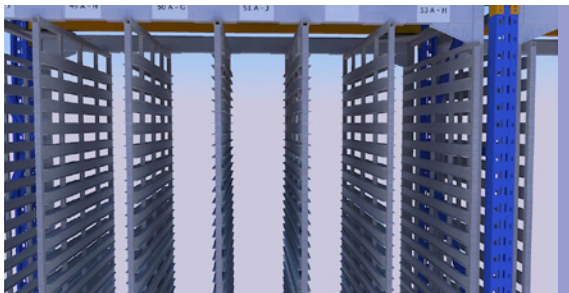
The **NavModule** can be reconfigured or new panels added quickly and easily, ensuring that your configuration continues to maximize space utilization and minimize walking.

New panels can be slid into place easily to create new pick positions.



VERTICAL SUPPORT PANEL

The support panel comes with built in support tabs that allow any combination of trays, totes, bins drawers or shelves to be slid into place. Each set of support panels can support up to 4,000 lb. The modular design allows the panel to be reconfigured easily, without disassembly.

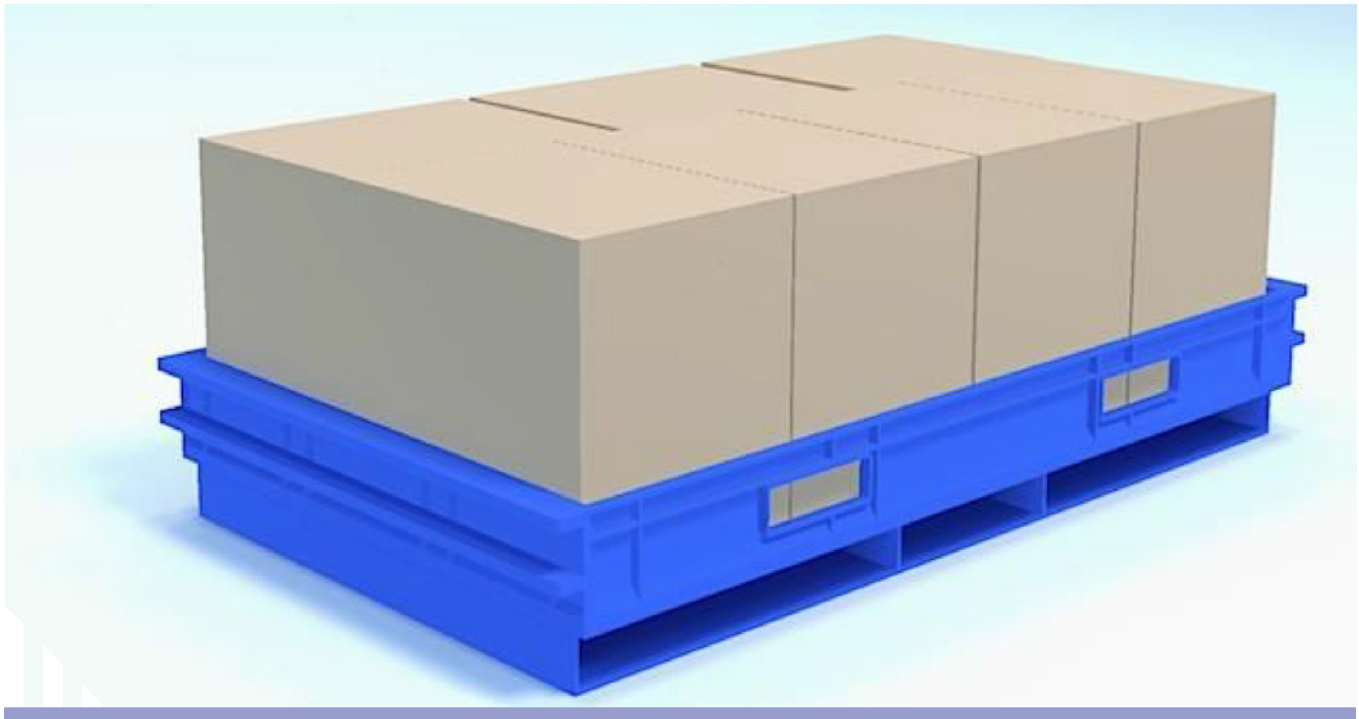


Strong aluminum support tabs every 2" mean that you can easily configure and reconfigure your module to take maximum advantage of the space at floor level.

NavTrays are the answer to high volume case and unit item picking



Designed for high volume sku's, the **NavTray** is a durable way to store and replenish fast moving products. When a sku in the **NavModule** needs replenishing a new **NavTray** is brought down and slid into place. **NavTrays** are constructed of rigid structural foam plastic, and are designed to last for years in an industrial environment. Maximum capacity: 300 lb. per unit



NavTray filled with boxes. **NavTrays** are easily stackable and are designed to be compatible with the most common North American pallet sizes.

Pick directly from **NavTrays** inserted in the **NavModule**

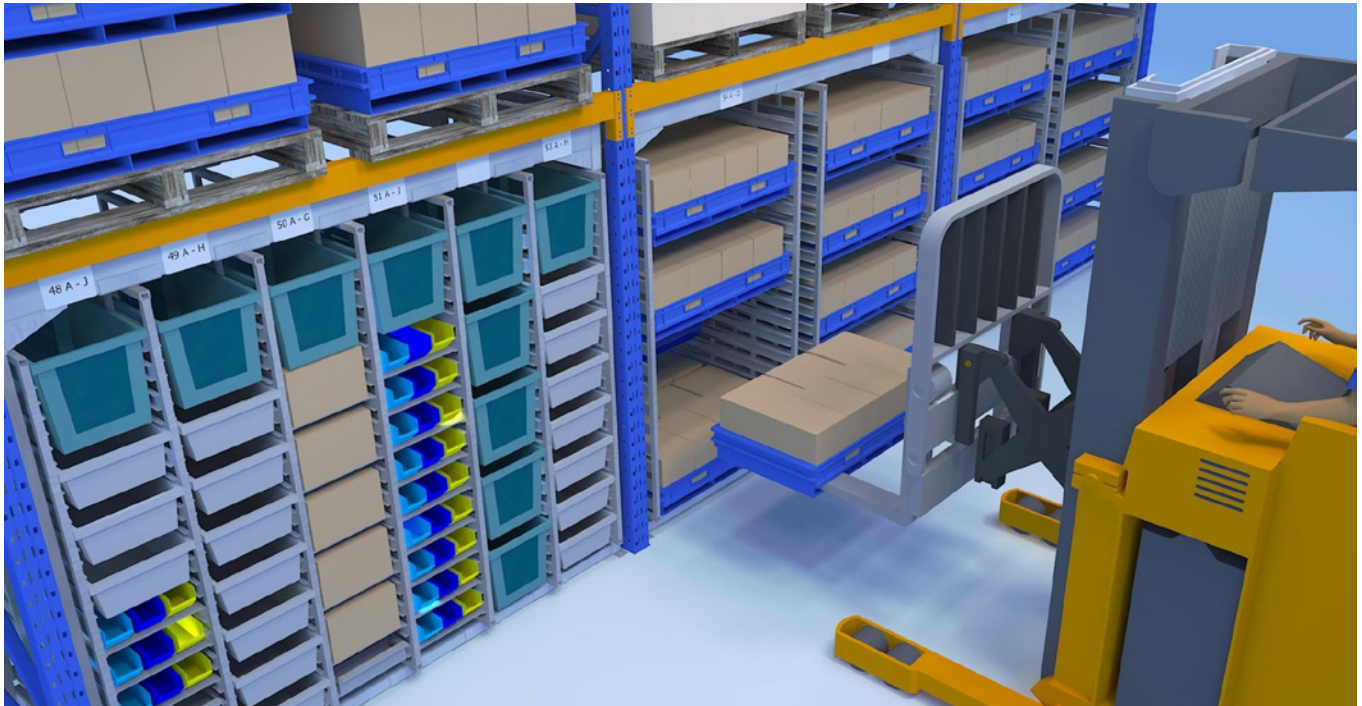


Overstock of fast moving skus is stored on a pallet comprised of multiple **NavTrays**. Each tray can be lifted using a forklift and inserted directly into the pick face of the **NavModule**.



NavTrays are nestable to save warehouse and shipping space.

Use mechanized equipment to restock with **NavTrays**

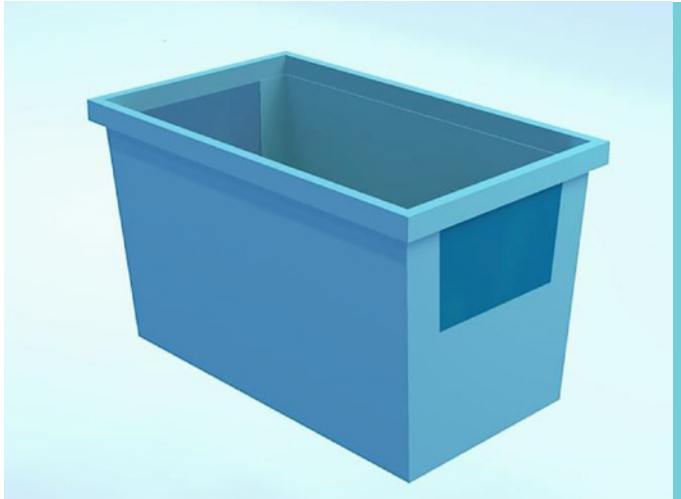


High volume turnover of a sku means that you need a way to replenish quickly, without manual labor. **NavPick** provides this with mechanical replenishment using a forklift. Simply lift a **NavTray** from the overstock position and slide into the open space where the empty **NavTray** has been removed. You're ready to continue picking, in a matter of minutes.

When does NavPick make sense?

- ✓ When you can't justify robotic or AS/RS systems
- ✓ When you are using man up order pickers
- ✓ When you are doing floor picking, but your order pickers must walk too much due to an inefficient shelving/storage system that is not dense enough
- ✓ When you are picking more than 300 line items per day
- ✓ When replenishing your pick line is a headache
- ✓ When space is being wasted with too many cubic feet per sku
- ✓ When you need to provide for year over year growth in case and unit pick
- ✓ When you would like to use Kanban for controlling your inventory and replenishment

NavTotes are stackable, nestable and compatible with the NavModule



LARGE NAVTOTES

NavTotes are constructed of heavy-duty thermoplastic and are designed for use in rough industrial environments.

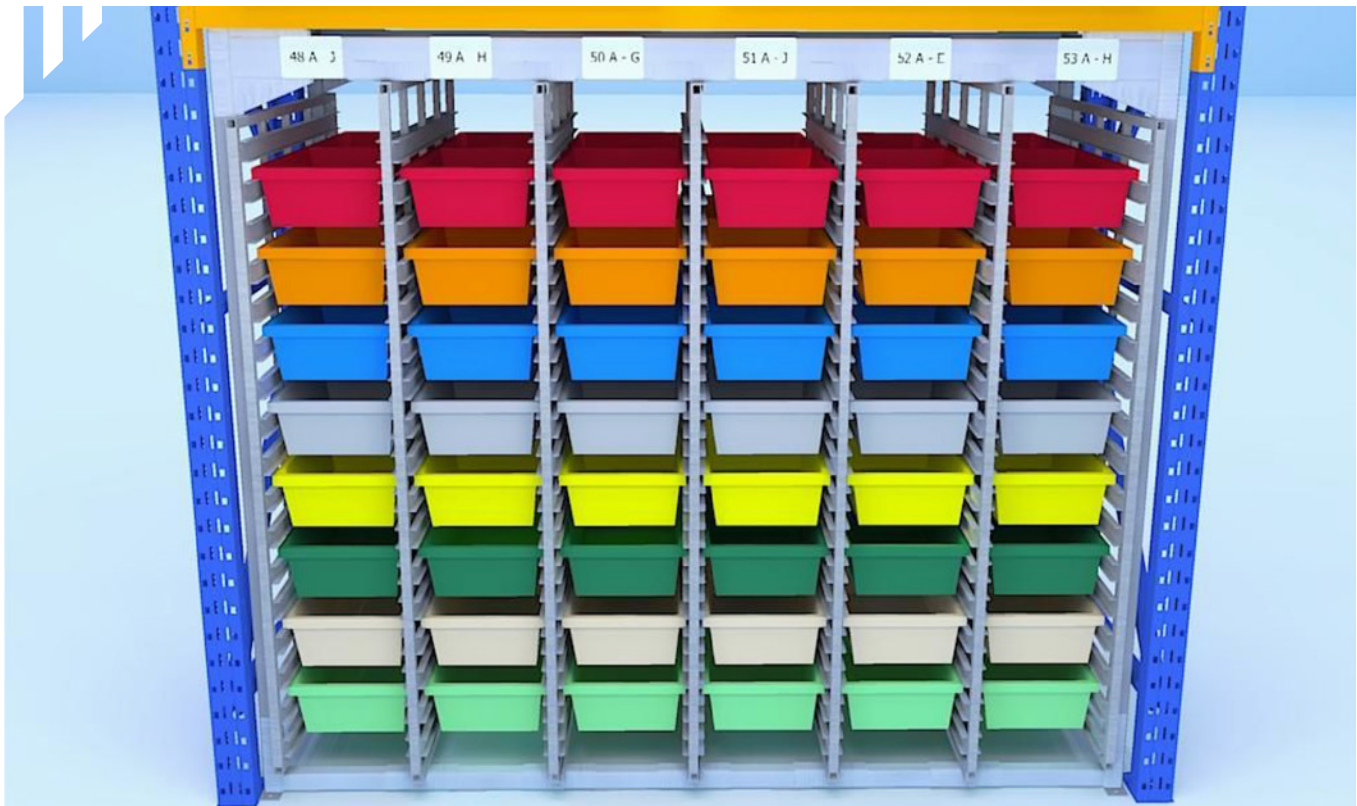
Designed for medium to large sized items, they can be arranged in kanban or standard configuration.



Medium-sized **NavTotes** are ideal for storing a wide range of boxes and articles



Medium-sized **NavTotes** slide directly into the Pick Module.



Configure your NavModule for carton flow.....

CARTON FLOW ADVANTAGES

Carton flow provides unique advantages in terms of easy accessibility at the pickface, continual resupply from the rear, and automatic achievement of FIFO.



Navpick carton flow can be setup in many different configurations, to allow for different sizes and weights of boxes, and to ensure continuous FIFO where this is critical due to quality constraints.

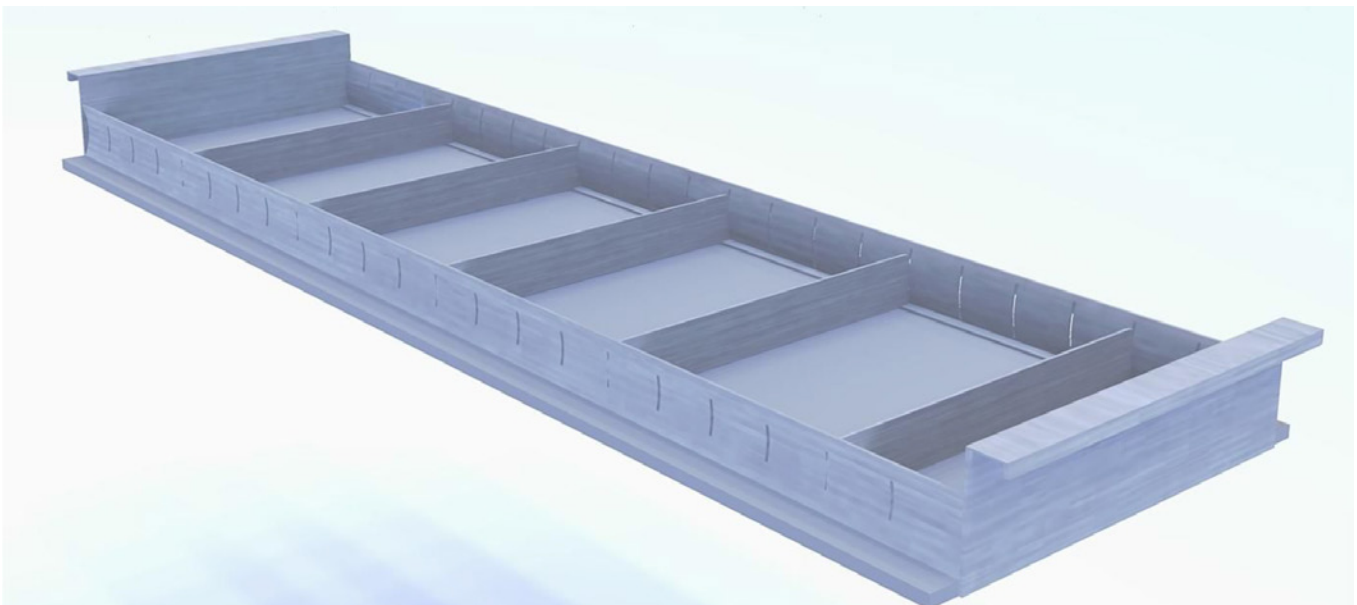
NavBins simplify the storage and picking of small parts



SMALL NAVBINS

Available in a variety of sizes, the small bins are ideal for compact storage of small parts.

NavDrawers pull out for easy access and may be divided to organize smaller tools and parts.



The **NavDrawer** is a sliding drawer that comes with dividers to create the configuration that suits your need.

About us:



Navpick products result from a team of persons, each with over 10 years in the storage industry, working together to create greater efficiencies through innovation. Familiar with the needs of supply chain specialists in a wide variety of industries, our team has worked out a better way to store, pick and replenish in environments with a large number of skus and high volume of articles picked. NavPick has a number of additional innovations that will be introduced in the near future to further enhance the efficiencies that are already offered.

Estimating services

Our technical specialists and engineers will take your warehouse configuration and propose the way to integrate the **NavPick** system to greatest advantage. Once the proposed configuration is approved by your team, we quickly produce a proposal that will detail the cost to acquire the equipment. Need a turnkey project? **NavPick** can furnish an install team for many parts of North America.

Design services

Got a storage or picking challenge that is out of the ordinary? Challenge us with your needs and let our engineers work on a way to overcome the problems associated with small or oversize items, fragile items, or products requiring FIFO. We welcome specialty applications such as medical, pharma, food and aerospace.

Installation services

We can furnish detailed installation drawings for clients that wish to install themselves. For some applications, it may be best to use a factory trained installer. Let us know what your project involves, where it is located, and the time frame for the install. We'll be glad to confirm exactly what services we can provide, and in what time frame.



Contact information:

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