

Pool Supplies Pick Module

A STORAGE SYSTEM CASE STUDY

REB STORAGE SYSTEMS INTERNATIONAL

SERVICES: Engineering, Design, Installation, Permitting Support
PRODUCTS: Carton Flow Rack, Pallet Flow Rack, Selective Rack

LOCATION: Pleasant Prairie, WI

SCOPE:

A pool supplies distributor was relocating their distribution center to accommodate growth. The new 190,000 sq. ft. facility required a material handling system to support the high volume of products stored and distributed.

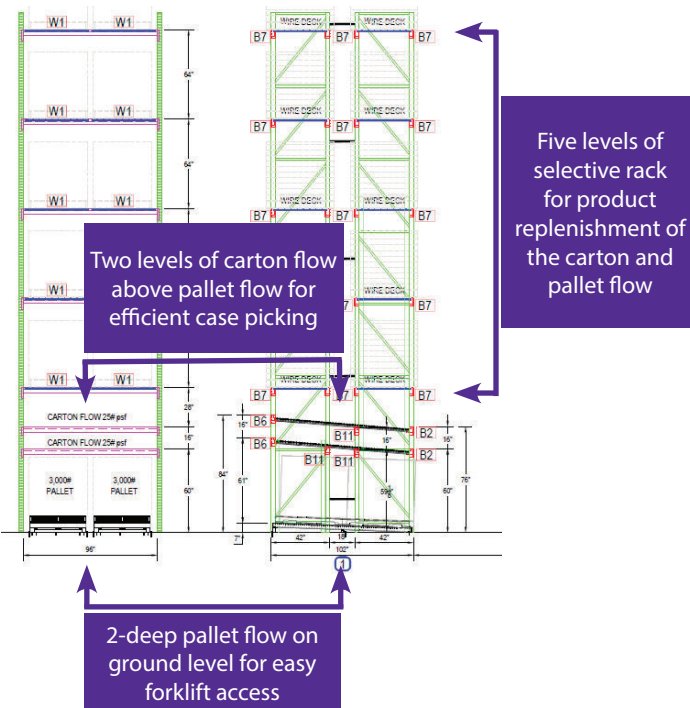
SOLUTION:

REB was provided with a list of all products as well as material handling methods used. Each of these items was evaluated to develop a storage solution that optimizes the flow of orders.

Based on this, REB engineers developed a layout that includes a **forward pick** area and a **reserve storage** area.

Pertinent Information

- **Forklifts are used** to transport pallets. Employees then pick individual cases of products for order fulfillment.
- Because of rapid product turnover, **excess pallets of products** are taken into the facility.
- The company predicts **substantial growth** over the next five years.



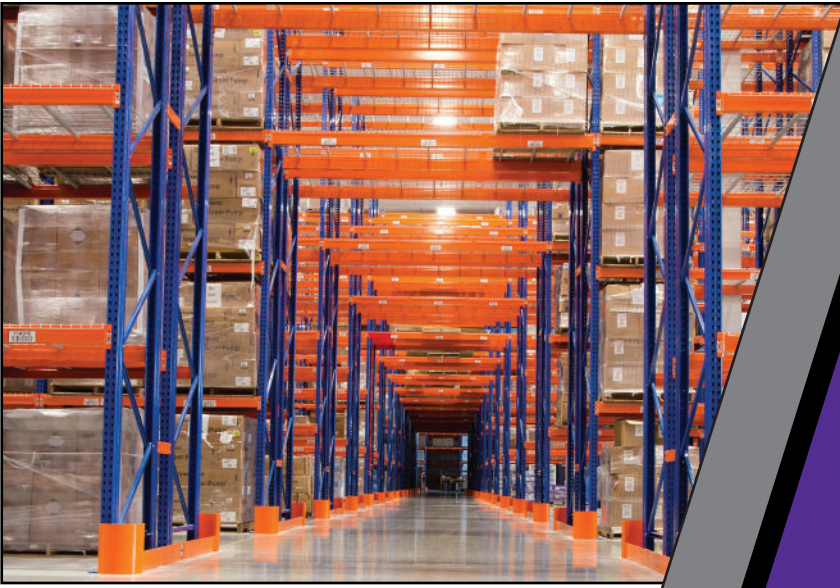
The pick module is also designed to accommodate a catwalk level to allow for future vertical expansion.

FORWARD PICK

The forward pick area spans 5,700 sq. ft. of the distribution center.

For this area, REB designed a pick module that integrates multiple rack system types to reduce overall pick time.





RESERVE STORAGE

The reserve racking area spans 83,800 sq. ft. of the distribution center and consists of 5 levels of selective pallet rack.

This racking is used to store the overflow of items that are to be used for replenishment in the forward pick area.

OUTCOME:

The company now has designated areas for active picking and static storage. Because the pick module was designed around the company's unique operation, the flow of orders is optimized.

The vertical expansion capability of the pick module will allow the new building to accommodate future growth without expanding its footprint.



REB can deliver the same results to your company.
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