

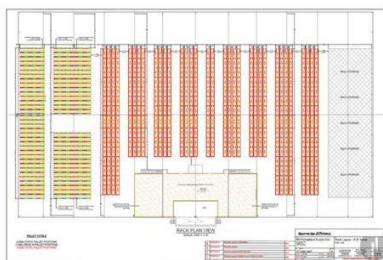
MS Packaging & Supply Corporation is a 28-year-old family-owned supplier and distributor of custom packaging solutions and designs. The company designs, manufactures, and inventories to their customers' requirements, which are then ready for their *Just In Time Fulfillment Program*. To meet the growing demands of their customers, MS Packaging needed to design and implement a smarter, flexible, and more efficient warehouse solution.

Challenges

Managing three overcrowded warehouses in three different cities and keeping pace with a growing customer base was highly inefficient. The MS Packaging team worked closely with Abel Womack to develop a customized solution that would increase flexibility, efficiency, storage capacity, and provide this fast-growing packaging distributor with a competitive edge in customer satisfaction.

Solutions

Floor Plan of Our New Rack System



MS Packaging consolidated three facilities into a single, state-of-the-art 75,000 square foot distribution center. Abel Womack and MS Packaging spent a great deal of time determining the layout and rack designs to accommodate the columns in the warehouse; which did not allow the use of a standard aisle width. By reducing the required aisle space by adding length to the rack beams and using a combination of double deep for standard pallets and drive-in rack for their oversized pallets, the design provided the absolute maximum storage capacity. This provided MS Packaging with the flexibility to accommodate increased demand for customized packaging, more value-added services and future growth.

The system design required MS Packaging to convert their fleet of propane lift trucks to electric trucks designed to work with the rack design. Aside from the cost savings in fuel, electric forklifts improved indoor air quality by reducing emissions in the facility and vastly reduced noise levels. *Vantage Point™* cameras were mounted on the deep reach trucks to provide visual assistance to the operators to facilitate properly positioning the forks at the top levels when storing and retrieving pallets. Several damage prevention products, including bollards, guard rails and end-of-aisle protectors also were installed, providing additional safety and asset protection.



Results

Ultimately, the new distribution center located in Yaphank, NY doubles as a showroom and is highlighted on the company's website. It can be used as a tool to help sell new clients on their custom packaging and container services. By consolidating operations, MS Packaging has optimized space, increased operational efficiencies, and positioned itself to be a leading custom packaging solutions company who is able to support continued growth.

MS Packaging Challenges

- Inefficient bulk storage
- Space constraints
- Support growth

Abel Womack Solution

- Customized hybrid racking systems
- Convert forklift fleet from propane to electric
- *Vantage Point™* cameras
- Damage prevention products

Benefits

- Increased storage efficiency
- Support flexibility and growth
- Reduction in operating costs
- Faster order fulfillment