

My Spice Sage is an online retailer and wholesaler of premium herbs and spices from around the world. The Yonkers, New York-based company supplies thousands of customers, including bakeries, restaurants, breweries and caterers, with ingredients purchased by the ounce up to thousands of pounds. In order to stand behind their 100% satisfaction guarantee, My Spice Sage spices are cryogenically ground to maintain their flavor and delivered directly from the importer to their facility, greatly shortening the supply chain to ensure freshness. New orders are shipped within 24 hours with the exception of large bulk orders.

### Challenges

With rapid growth and an increasing demand for a greater selection of products, My Spice Sage needed to rethink their storage and fulfillment strategy. They wanted to remain in their existing space yet be able to accommodate for continued growth and an expanding number of SKUs, plus optimize their 24-hour online order fulfillment process.

### Solutions

My Spice Sage partnered with Abel Womack to design and install a

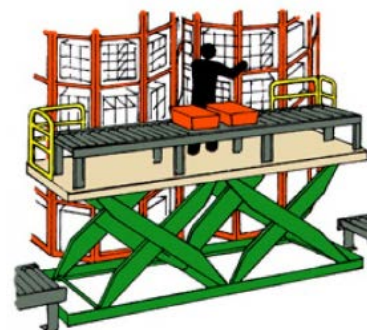


space-saving, scalable system consisting of four horizontal carousels (pod) and light-directed picking. The carousels pre-position the product to be picked, and the light indicates the quantity and cell from which to pick. Multiple orders are picked simultaneously within the pod, placed in totes and moved to a consolidation area. A put to light system alerts the operator when the batch order is complete and all the totes are routed to the packing area.

Prior to using carousels, My Spice Sage was storing product on shelving. Due to space constraints, their options were limited. Five order pickers and packers used paper-based picking to fulfill orders. Initially, they considered purchasing a used horizontal carousel system but after careful consideration, Abel Womack recommended that new carousels with a flexible and customizable software solution coupled with local service and support would serve them better in the long run as their needs change.

### Results

The new system provides twice the space to store more SKUs in the same footprint. With the carousels, items are brought to the picker in the shortest possible way, minimizing wait time. Now, only one worker picks an average of 300 lines per hour compared to 75 previously. With the use of an ergonomic lift table, bending, reaching, and lost time from injuries are reduced. By deploying light-directed picking on the carousels, mis-picks declined by 20% and labor was significantly reduced from four pickers to one per shift.



My Spice Sage Director of Operations, Evan Altneu said, "After a few hiccups in the beginning of the project, Abel Womack addressed the issues and exceeded our expectations by transforming our current footprint and inefficient system into a streamlined order fulfillment operation which reduced operational costs and improved customer service."

### My Spice Sage Challenges

- Storage constraints
- Inventory management for frequently accessed SKUs
- Labor intensive order picking process

### Abel Womack Solution

- 4) Kardex Remstar horizontal carousels with Power Pick Global software
- Pick and place light system technology
- Southworth ergonomic lift table

### Benefits

- More than doubled storage density
- Improved operator ergonomics
- Increased throughput and order picking volume by 75% while reducing labor