

Major Clothing & Equipment Retailer, Maine Mobile Storage System Gains 50% More Space

Abel Womack installed a Spacesaver ActivRAC mobilized storage system in a manufacturing and warehouse facility for a major clothing and outdoor recreation equipment retailer in Brunswick, ME.

The company decided to move the Bicycle Assembly process from a distribution center to their manufacturing facility in Brunswick, Maine. The manufacturing and warehouse facility supplies multiple retail locations in New England.

Abel Womack engineers reviewed the building layout and the available space that this operation had to work with. It was determined that a mobile storage rack system would gain the warehouse nearly 50% more storage capacity in the same footprint. The warehouse consisted of several rows of rack, made up of 9 and 12 bay sections. Placing the rack on mobile carriages allowed for an increase of 36 to 54 bays. The additional 18 bays provided the facility with 72 more levels of storage.

Seasonal items such as ski equipment could also be stored and sent out to the retail locations without the need for an increase of activity or new personnel. This allowed the management team to keep the workload steady, thereby reducing spikes in inventory and staff.

Safety was an important concern for the customer. At the push of a button, the mobile carriage will begin to move at 3.5 inches per second. The system uses photo-eye safety sweeps for the entire length of the racking sections and will stop immediately if anything breaks the beam of light. To reactivate the system, the obstacle must be removed and the safety interlock cleared on the control panel.

Costs were controlled through the reuse of existing rack and a minimal purchase of new rack for the additional bays.

Project Key Features

Challenge

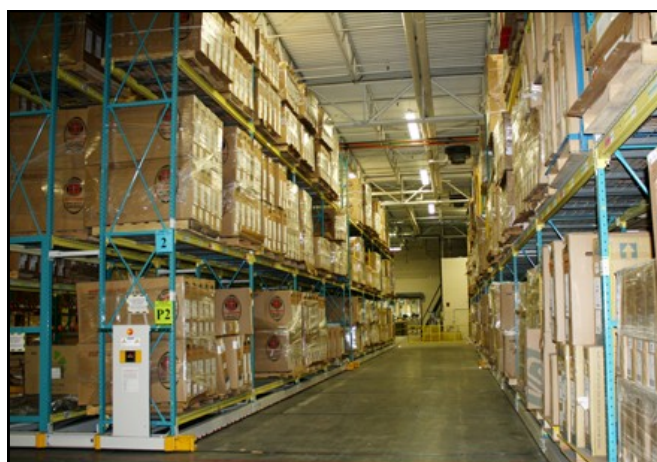
- Increase storage space capacity within the existing 40,000 SF footprint.

Abel Womack Solution

- Installation of a Spacesaver ActivRAC mobilized storage system with photo-eye safety features.

Benefits

- Customer gained nearly 50% additional storage space.
- New storage capacity allowed management to plan more effectively and reduce spikes in inventory and personnel.



*Racks can be opened either remotely or manually.
In the event of an emergency stop, the control panel (above right) must be reactivated
and any errors cleared before the carriages will resume movement.*

*In the event of an emergency stop,
the carriages stop so smoothly, the
shelved products do not move.*