



APS Resource®
Your Aftermarket Solution



In an industry with a tight profit margin such as retail grocery, safety is an important issue. With the help of the APS 2000™ vehicle restraints, the New England-based chain Market Basket has a tight grip on forklift accidents on their docks.

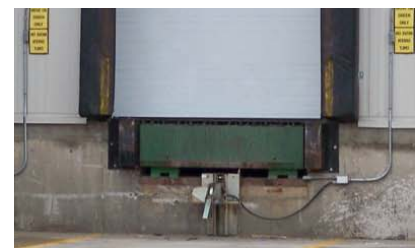
DeMoulas/Market Basket Inc., one of New England's most well-established supermarket chains is ranked 45 in the 2008 "Top 75 North American Food Retailers". With 60 stores and three distribution centers in the Massachusetts and New Hampshire area, Market Basket is a leader in the industry when it comes to warehouse and employee safety.

Before aggressively growing its retail business, Market Basket Management wanted to invest in the operation and safety of its distribution centers. Concerned with potentially serious dock accidents in the past, Market Basket went with top of the line safety equipment for all of their 63 docks at Tewksbury, MA distribution center. To get the most out of this investment, Market Basket is able to use a systems approach so that this equipment deploys safely and effectively.

With the help of Bob Knapp, sales representative from Baron Industries, Bob St. Jean, Material Handling Manager at Tewksbury, looked to Kelley FX Dock Levelers, Hydraulic Vertical Levelers, Steel Faced Bumpers, APS 2000 Vehicle Restraints and Hidden Hooks from APS Resource as active safety solutions. Running two shifts, five days a week, having trucks securely in place for loading and unloading is extremely important to employee safety.

*DeMoulas/Market Basket,
Inc. -- Tewksbury, MA*

DC Gets Hooked on Safety



APS 2000 Restraints Get a Grip on Safety

- *REDUCE* the risk of forklifts falling off the dock
- *LOW* maintenance
- *EASY-TO-READ LED* lights for safety
- *ALARM* warns of when trailer unhooked
- *RUGGED* construction
- *ADJUST* to any style ICC bar
- *STRONG* - 32,000 lbs of pullout force

MARKET BASKET

"Everybody, all management, all the positions here in the warehouse are on top of it [safety]...it's a constant reminder to these guys all the time," states Bob St. Jean.

At the Tewksbury location, 46 APS 2000 Vehicle Restraints, help reduce the risk of accidents occurring at the docks that can happen when forklifts fall to the driveway when trucks creep away from the dock. Featuring a rotating hook engagement that captures and a trailer's rear impact guard (ICC bar), the APS 2000 holds the trailer securely to the dock.

Though accidents can be a once in a while occurrence, equipment upkeep is a constant problem for all grocery DC's. With all-weather durability, long-lasting LED lights and low maintenance, Bob St. Jean notes, "We're very happy with the APS 2000 restraints and how they're working out."

The APS 2000 vehicle restraint fits the safety needs of the Market Basket DC. Complying with National Highway Traffic Safety Administration, a low profile 9" carriage improves the impact extension bar service range to 9" to 25" off grade.

As the trailer backs into the loading dock, the ICC bar contacts the restraint housing. The APS 2000 positions the bar down toward the ground. Once the trailer is backed against the bumpers and is fully in position, the dock attendant depresses the "ENGAGE" button, causing the rotating hook to engage the ICC bar and secure the trailer to the dock.

For advanced communications, the APS 2000 has universal red and green LED lights for easy reading even in foggy weather or during precipitation. The lights are

displayed on the inside standard push-button control panel and on the compact outside exterior. The inside push-button control panel includes a standard keyed bypass/override system and an audible alarm to warn of an unhooked situation.

APS 2000 design and construction enables it to withstand thousands of truck trailer impacts. The unit has a fully-enclosed, zinc-plated, yellow dichromate housing is constructed of 5/16" steel.

A patented IP65 rated motor with a non-adjustable electro-mechanical brake powers the APS 2000. With water tight electrical connectors and the IP65 (Ingress Protection) rated motor, the APS 2000 is impervious to the elements. To reduce routine maintenance, the motor never needs adjustments and is sealed for life.

The APS 2000 maintains constant contact with the ICC bar and automatically adjusts to the vertical motion of the trailer as it is loaded or unloaded to ensure positive engagement at all times.

If the trailer were to have an early departure, the hook mechanism can withstand in excess of 32,000 lbs. of pullout force. Once loading and unloading is complete, the dock attendant depresses the "RELEASE" button to disengage the restraint.

The Tewksbury, MA distribution center has the Kelley master control panels at each dock position to consolidate the controls for the levelers, restraints and overhead doors. Utilizing this control panel ensures greater

safety at the dock by having the docklevelers interlocked with the restraints. This routine managed by the master control panels means equipment is deployed as intended without the need to extensively train the dock employees.

Each employee must make sure the vehicle restraint is securely hooked on the truck before they are able to use the dockleveler. Once the trailer is hooked by the restraint, the interior and exterior LED green and red lights are used to communicate between the truck driver and forklift operator.

All three Market Basket distribution centers have either APS 2000 or Kelley hidden hook restraints at every single dock position. In all, Market Basket has invested in 97 APS 2000 Vehicle Restraints at the New England centers.

Market Basket is one of the rare family-owned grocery chains remaining in this country, know for providing value to families throughout New England. Thanks to their investment in their docks, employee safety is a family value Market Basket is able to practice every single day.

