



Project Summary Sheet



Project Objective

Motive Parts Company of America is a distributor of auto parts and owns 8 retail locations around the Chicago market. MPCA needed to relocate its distribution center from Chicago for a number of reasons, and chose DAK E & E to assist in making the facility as efficient and productive as possible. DAK E & E measured up the facility that MPCA had chosen and laid out a new storage system with integrated work bench space. The system needed to be installed on an extremely tight timeline. Also, MPCA was requesting a combination "stock put away" and order picking conveyor system be designed and installed.

Project Scope

This project required DAK E & E to design, supply and install the system, which consisted of a bulk storage system in a special color. DAK designed integrated work benches and also designed the system to be expandable in the future - if MPCA wished to add a second tier to the system for expansion, then catwalks and an upper level could be bolted on in the future without interrupting daily order picking operations. After studying the feasibility of a multi-use conveyor system for this facility, DAK recommended against it and argued strongly for the use of standard order picking carts. The customer accepted DAK's recommendation and saved \$200,000.



View of the typical work bench with integrated lower shelf and "backstop" riser.

Project Data

Distributor of auto parts to service garages and eight company-owned retail stores.

Building Square Feet: 40,000
Pallet Positions: 240
Shelf Levels: 1,960 (96" long)
Work Benches: 20
Outbound Shipments: 400 shipments per day

Number of additional orders placed: 7

Interlake Selective Rack System with Nashville wire decking. Johnson-Doppler Resin-Dek was used on medium-duty selective rack to construct shelving and workbenches. Jamco order picking carts were supplied.