

STORAGE EQUIPMENT

Selection, Application, and Use

Sponsored by:



STORAGE EQUIPMENT
MANUFACTURERS
ASSOCIATION

Presented by:

Nelson Cantillo – Tri Boro
Shelving & Partition

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Brian Peltó – Ohio Gratings



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McCORMICK PLACE CHICAGO JAN 21-24
www.ProMatShow.com



MHI

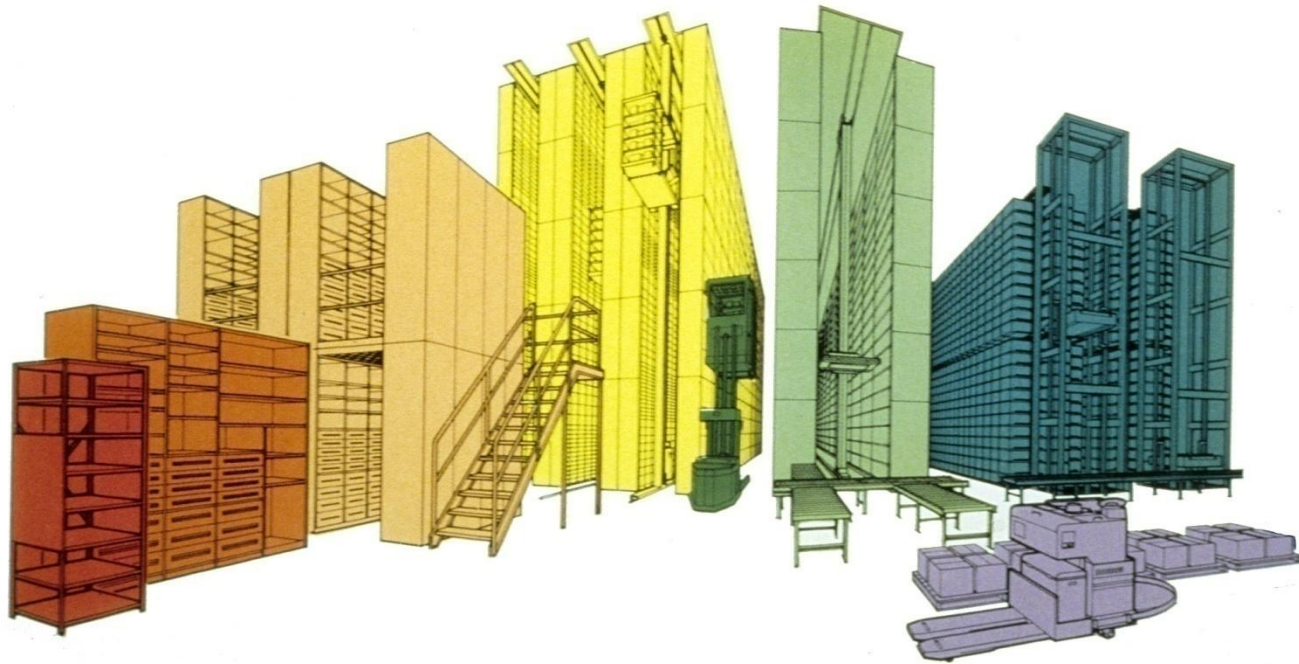
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About SMA

- Non-profit Industry Group of MHI
- Formed in 1974 by visionary industry leaders
- Mission: To advance standards, quality, safety and general fitness for intended use of industrial storage equipment
- Membership requirements:
 - Manufacture & control structural design of storage equipment for sale in USA
 - Pay dues
 - Attend meetings
 - Participate in monthly statistical program
 - Voluntarily support design and manufacture of products in accordance with appropriate American National Standards
- Members are leading manufacturers from throughout the world

Shelving

The Flexible Solution



Shelving

Adjustable, Open & Closed



Accessories

- Drawers

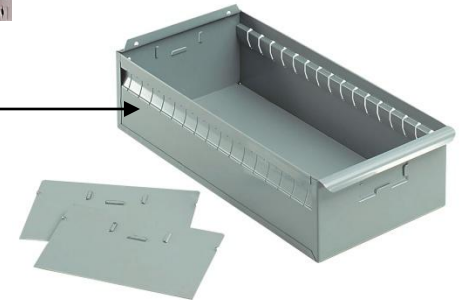
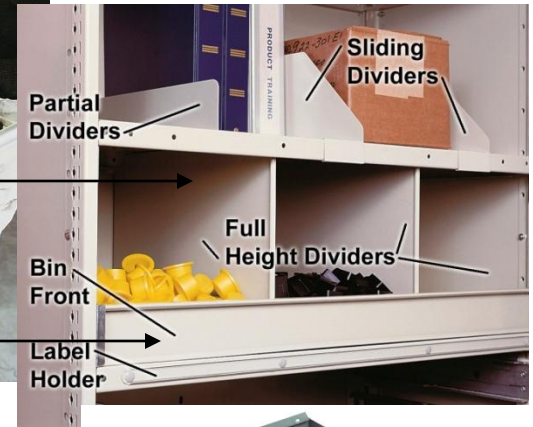
- Doors

- Dividers

- Bin Fronts

- Shelf Boxes

- Front Bases



Adjustable Metal/Wood Shelving

Rivet/Stud



STARTER



STARTER
Angle Post
is used to start
and finish a row

ADD-ON UNIT

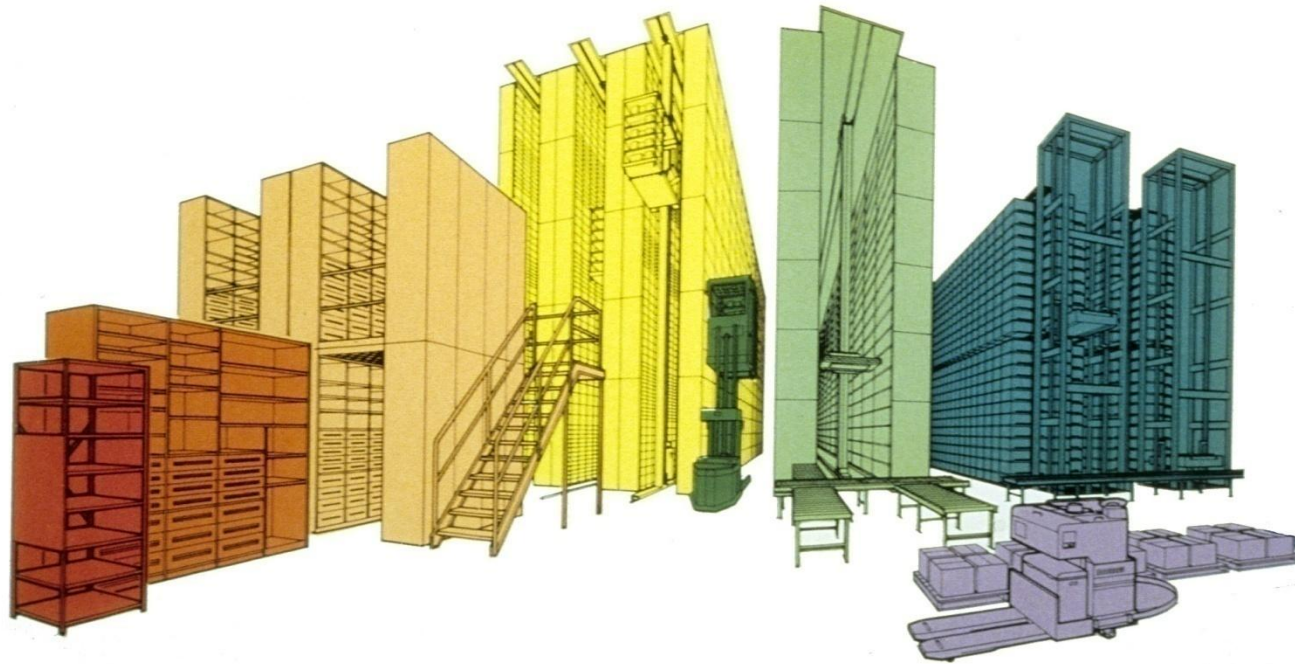


ADDER
Tee Post
is used to connect
adjoining units

Highly Flexible



High Bay Storage & Multi-Level Shelving Pick Modules



High Bay Storage



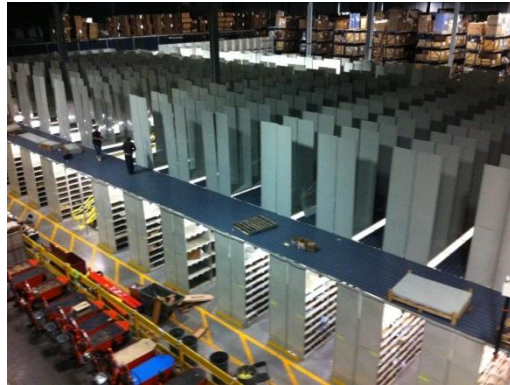
Phase 1 – Designed for Future Catwalk



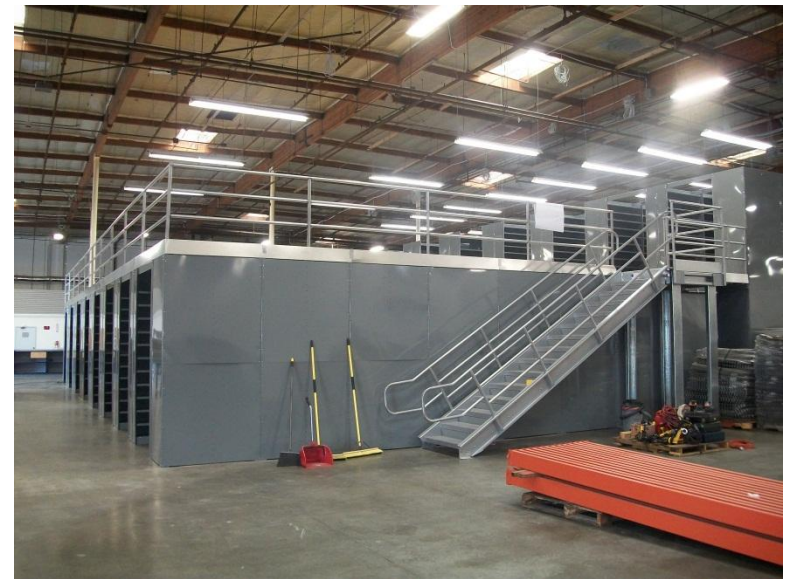
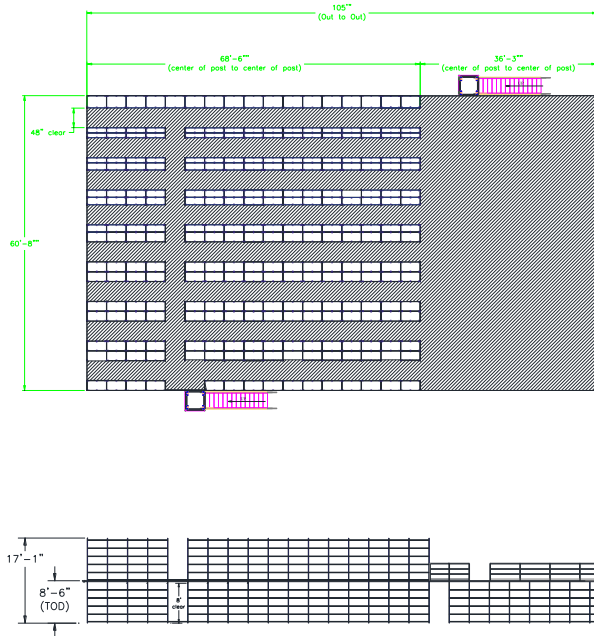
Phase-1 (floor level)

With provisions for a future 2nd level

Starting 2nd Phase of a 2 Level



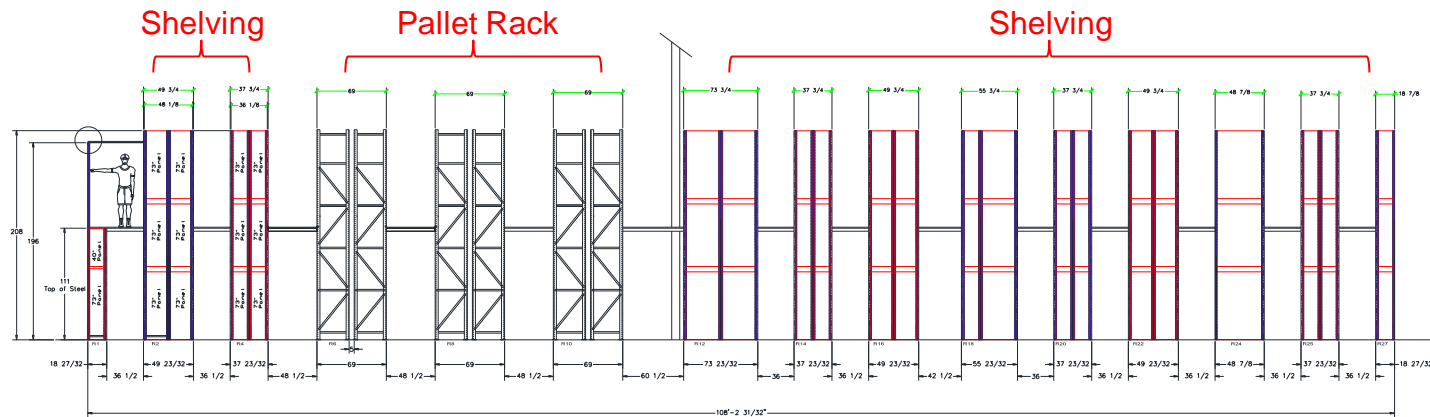
2 Level System - With a Deck-Over



Typical Guarding When Burying a Column in a Bay



Pallet Rack Integrated into Pick Module to Handle Bulky Items



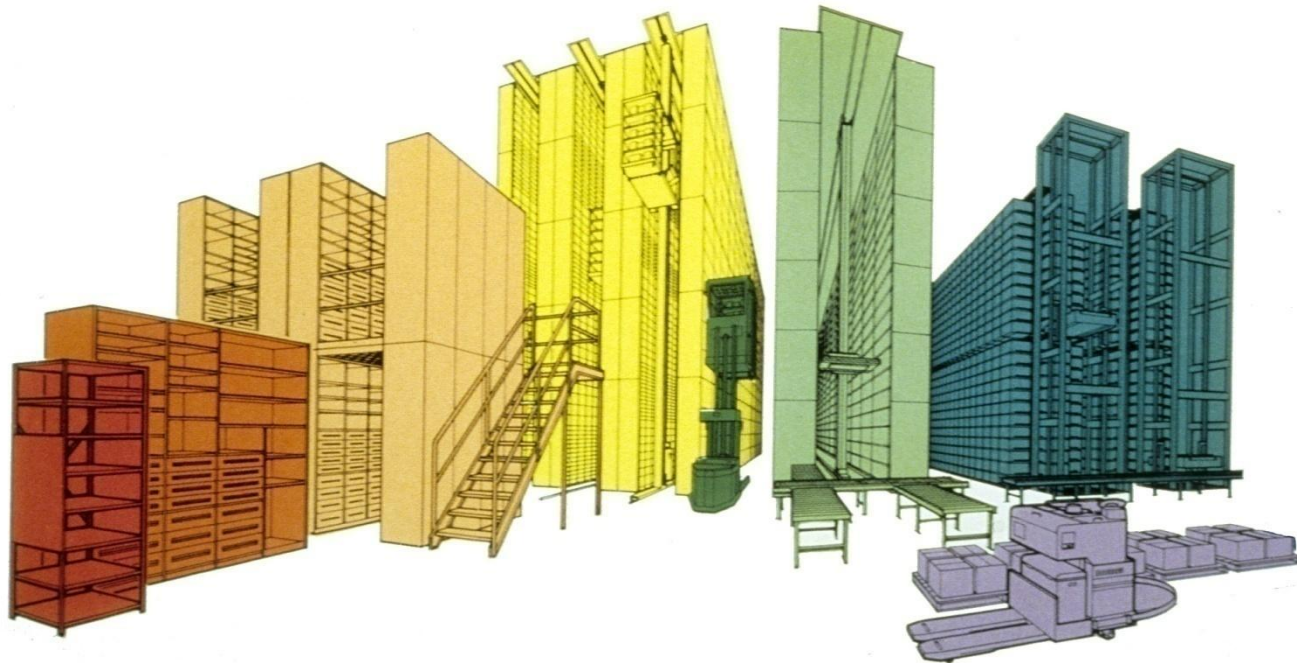
Pallet Rack Integrated into Pick Module to Handle Bulky Items



Complete Multi-Level Pick Module



Flooring Systems



Components of a Flooring System



Solid Decking Surface

Open Bar Grating

Components of a Flooring System





MR Engineered Wood Composites

MR Engineered Wood Products



Bar Grating



Standard Welded Bar Grating

Bar Grating



Shelf Supported Grating Floor

Bar Grating – Close Mesh



Suitable for rolling loads

Using the Proper Flooring System will Result in Good Versatility & Long Term Performance



Specifications

- ANSI MH26.1 – Specification for the Design and Testing of Industrial Steel Shelving
- ANSI MH26.2 – Specification for the Design and Testing of Metal/Wood Shelving
- ANSI MH 26.3 – Specification for the Design Manufacture and Installation of Industrial Work Platforms

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Considerations & Guidelines

- Shelving Users Guide
- Nomenclature for Industrial Grade Shelving
- Shelving Applications Brochure
- Multi-Level Shelving Using Industrial Grade Shelving

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Bluff Manufacturing
Cornerstone Specialty Wood Products, Inc.
Heartland Engineered Products, LLC
Lyon Workspace Products
Ohio Gratings Inc.
Penco Products, Inc.
Steel King Industries, Inc.
Steele Solutions, Inc.
Tri-Boro Shelving & Partition Corp.
Western Pacific Storage Solutions
Wildeck, Inc.

Q & A



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