Model AR-1 Display Rack System

Hand-controlled manual systems provide smooth and easy operation for display and storage of art or other objects.
SPACESAVER

Diagram showing a spacesaver mechanism with labeled parts:

A: Main frame
B: Rotation mechanism
C: Base plate
D: Mounting bracket
E: Connection point
F: Installation view
G: Mesh detail
Spacesaver's Model AR-1 Display Rack Systems provide efficient, maintenance-free operation and are designed for commercial and industrial use. They feature fully-welded aluminum carriages and frames with flat aluminum mesh, single-piece, low-profile structural T-trails and our exclusive roller-bearing carriage guidance system with built-in anti-tip mechanism.

A. Manual Systems
- Standard lengths through 14’
- Standard heights of 8’ to 10’
- Load rating: 500 lbs. per carriage foot.

B. 2-3/4” Diameter Wheels
  Full 2-3/4” diameter precision machined, balanced and hardened solid steel wheels.

C. T-Rails
  One-piece, fully structural, low-profile, 1” T-trails with exclusive tongue and groove splices. Fully grouted with high-strength hydraulic-polymer grout. Precision leveling screw adjustability.
  - Fully distributes wheel point loads to floor.
  - Designed to operate under heavy, long-term cyclic stress loads.
  - Reduces rail deflection.
  - Maintains rail alignment.
  - Transfers wheel point load evenly to and from adjoining rail sections, eliminating rail separation.
  - Provides the solid basic foundation required for a mobile system assuring low maintenance and easy operation.

D. Roller Guide Bearings
  Positive lateral roller guide bearing assemblies.
  - Less friction provides the easiest carriage movement in the industry.
  - Eliminates carriage racking even on long carriages, providing uniform, easy movement.
  - Eliminates friction and wheel binding inherent with multiple-flanged type guidance systems.

E. Carriage/Rail Anti-Tip
  Adjustable carriage/rail anti-tip on each wheel assembly.

F. Nested Carriages
  Display rack carriage system may be installed with two sets of rails so that carriages may be “nested” together to maximize efficiency.

G. Mesh Screen
  Expanded flat aluminum mesh screen is non-rusting and maintenance-free. Our exclusive quadrilateral mesh pattern allows positive hook positioning which eliminates any shifting or sliding of stored material.

H. End Panels
  Your system can be completed with high or low-pressure laminates in virtually an unlimited choice of colors, textures and patterns to fit any design decor. Standard end panel graphics and design packages are also available.