



Product Description

Ideal for general, bulk storage items in any facility, QuickWire high density storage solutions increase accessibility to inventory and improve efficiency. Unnecessary aisles are eliminated by allowing users to compact wire shelving units on a low-profile floor track system (minimum 30–36" aisle required). The QWFLTR high density floor track system maximizes space utilization. Multiple QuickWire units can be placed on individual carriages in back-to-back and/or side-to-side configurations.

Product Specifications

Materials

Low-Profile "V" Groove Track

The V groove track is an aluminum extrusion with hardened steel inserts on which the wheels of the carriage roll. The track stands only .4" high (less than 1/2") and is 2" wide and conforms to ADA specifications. A slope on either side of the track allows easy traverse for both foot and cart traffic. The "V" design provides guidance and reduces friction. Future growth of the system is accomplished through simple splicing of track sections. Anchoring hardware is provided with end stop kits.

Carriages

All manual carriages are custom built to accommodate either new or existing storage units. Manually operated carriages are capable of carrying loads of up to 2500 lbs or more. Satin-anodized aluminum rails, reinforced nylon wheel assemblies and articulating mid-wheel assemblies allow easy carriage movement. Carriages consist of four rails and four corner assemblies on which either one shelving unit; two shelving units or four shelving units can be placed. Retaining ledges on each corner keep the units from shifting during the operation of the system. Total height of the carriage and track is less than 3" from the floor to the top of the carriage. Shelving units are anchored to the carriages with mounting bracket kits. Rubber bumpers are provided with all carriages. These bumpers are used to prevent injuries to hands and fingers as well as preventing metal to metal contact during system operation. Each carriage also comes with a drift retarder screw which prevents carriages from moving while not in use.

Corner Wheel Assemblies

Corner wheel assemblies consist of a nylon molding supporting a sealed ball bearing wheel. The durable molding and wheel are utilized in all "V" Groove systems and provide carriage rigidity as well as supporting storage unit posts. Molded ledges atop each assembly securely retain shelving units.



QWFLTR- carriage and track system



QWFLTR-ITAT- bracket and track system

In Track Anti-Tip (QWFLTR-ITAT)

The In Track Anti-Tip system is similar to the V groove manual assist system with the exception of one runoff track. This run will use a special track and carriage bracket combination that prevents a shelving unit from tipping over. In Track Anti-Tip should be used in seismic areas and in situations where the system exceeds a 4:1 height to depth ratio.

Floor High Density Shelving Recommendations

Suggested Floor Track Carriage Weight Capacity/Push Pull Forces

Carriages require approximately 5 lbs of user effort for every 1500 lbs of storage load to move.

Manually operated carriages are capable of carrying loads of up to 3000 lbs.

For loads higher than 1500 lbs a mechanical assist system should be considered.

When height of a unit exceeds 4x the depth anti-tip track is recommended. In Track Anti-Tip is recommended for seismic areas.

For systems with side by side carriages any total carriage width over 10 ft should consider in-track anti-tip system.

Rubber bumpers are provided with all carriages. These bumpers are used to prevent injuries to hands and fingers as well as preventing metal to metal contact during system operation.

Track Ergonomics

Track height is 0.4" h and conforms to ADA specifications. A 'V' shape or slope on each side of the track allows easy traverse for both foot and cart traffic. The unique 'V' design produces guidance and reduces friction, so wheels do not 'bind', and provides positive carriage retention.

Shelving Unit Recommendations

Recommended maximum shelf height for movable aisle systems is 84" or less.

Recommended depth of carriage units is 18"-48".

Additional shelves can be easily added to the Stanley InnerSpace system by using our flex-mount shelves that can be inserted anywhere on the posts without removing the existing shelves.

There are several options for keeping supplies from falling off the shelves including hanger rails, shelf ledges, enclosure panels and wire baskets.

Track Maintenance

The hardened steel inserts and aluminum tracks can be swept with a fine broom or brush or they can be wet or dry mopped on a regular basis.

Other debris or fluids should be cleaned immediately with a lightly dampened cloth.

Silicone spray may be applied occasionally.

Never use oil-based cleaners.

Silicone spray may be applied to wheel bearings on an annual basis to air out any debris.

Product Safety Information

Make sure the open aisles are clear before moving the carriages into the space. Keep obstructions, such as boxes, folders, stools, ladders etc. away from open aisle spaces to prevent accidents and product damage.