



SAFE-RAIL® MANUAL PUSH CONVEYORS

EFFICIENT & EXPANDABLE MATERIAL HANDLING

RICHARDS-WILCOX SAFE-RAIL®

The Richards-Wilcox Safe-Rail Monorail Conveyor System is the ideal solution for hand-push transport and storage applications. Developed in the 1930s, it provides an excellent starting point for mechanized product handling.

Constructed of standard Richards-Wilcox components, Safe-Rail can be added onto at any time to build a more sophisticated power monorail or power & free conveyor system. Because of its compatibility with all other Richards-Wilcox overhead conveyors, conversion time is minimal and higher levels of productivity and efficiency are achieved almost immediately.



Eight Standard Components

Straight Track, 3/16" thick, the heaviest in the industry, stocked in 10' lengths

Horizontal Curves, 3/16" thick, 90°, flame hardened

Frog Switches

VMTs automatically raise or lower product

Carrier Insert Section

Welding Jigs

Carrier Assemblies

Turntables

Carrier Capacities

Range from 125 to 1,000 pounds

Made in the U.S.A.



BENEFITS

- **Maintains Quality.**

Safe-Rail is a hand-push transport and storage alternative to manual rehandling of product. This decreases the potential for lost or damage product.

- **Utilizes Space Efficiently.**

Safe-Rail frees up vital floor space, providing product movement throughout a facility and allowing for organized product flow.

- **Maximizes Product Storage.**

Safe-Rail provides dedicated storage in user-specified areas. This system eliminates wasted space and efficiently stores product in an organized manner within the same work areas, day after day.

- **Reduces Product Damage and Worker Injury.**

Since product is suspended from a Safe-Rail carrier, manual rehandling of product is kept to a minimum, reducing the chance of product damage. VMTs automatically raise and lower product, eliminating injuries related to lifting and bending.

TYPICAL SAFE-RAIL APPLICATIONS

Batch Paint Systems
Tire Retread Systems
Tool Support Systems

Synthetic Fiber Handling
Light-Duty Bridge Cranes
Manual Transport and Assembly

	Single Carriers Load (lbs)				Continuous Loading Load (lbs)				
	125	250	500	1,000	125	150	200	250	300
471 Support Spacing (ft.)	10	10	10	8	10	8	7	6	5
804 Support Spacing (ft.)	10	N/A	N/A	N/A	5	4.5	4	3.5	3

Richards-Wilcox offers complete engineering and controls design, in-house simulation, project management, and installation services for all of its conveyor systems. See how Richards-Wilcox ingenuity, engineering, and product excellence can design a better material handling solution for your business.