

# 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.

### FEATURES

#### 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

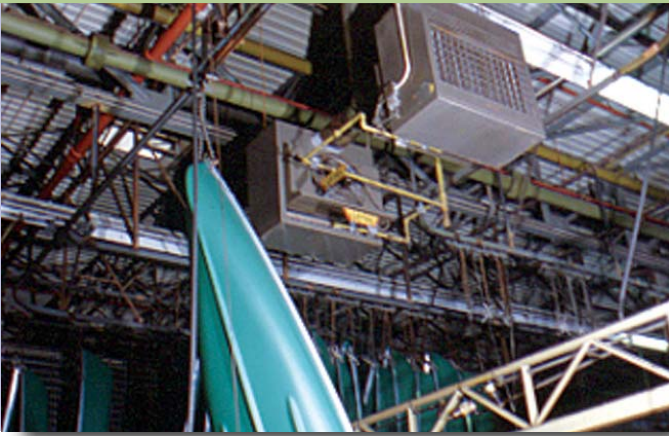
- Welding Jigs
- Carrier Assemblies
- Turntables

#### Carrier Capacities

- Range from 125 to 1,000 pounds

**Made in the U.S.A.**

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## 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 damaged 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.

- **Increases System Life.**

Safe-Rail's enclosed track protects carriers and runways from dirt and other contaminants. Also, Safe-Rail's sliding frog plates support loads through switches providing both smooth travel and longer switch life.

- **Facilitates Upgrades.**

Safe-Rail components are compatible with all other Richards-Wilcox conveyor systems. As a result, Safe-Rail can be upgraded to a Zig-Zag or Twin-Trak system with 100 percent utilization of existing parts.

## TYPICAL SAFE-RAIL APPLICATIONS

- Batch Paint Systems
- Tire Retread Systems
- Tool Support Systems
- Synthetic Fiber Handling
- Light-Duty Bridge Cranes
- Manual Transport and Assembly

## LOAD BRACKET SPACING

	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	*	*	*	5	4.5	4	3.5	3

\* Not Recommended

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. For more information, please call 1-800-253-5668.

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