

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

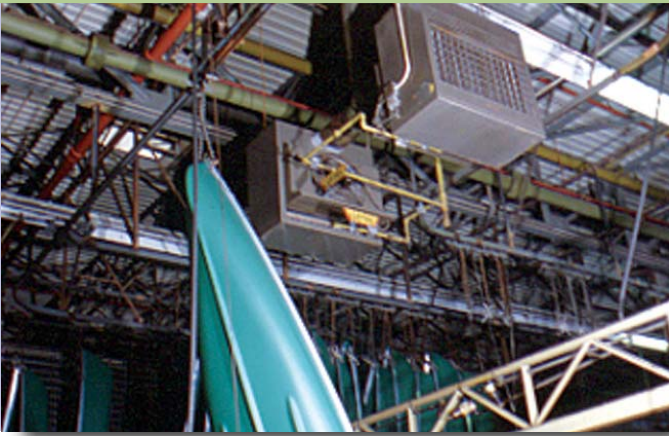
- Welding Jigs
- Carrier Assemblies
- Turntables

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. In addition, 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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