

TRAVELING BRIDGE

360-Degree User Movement

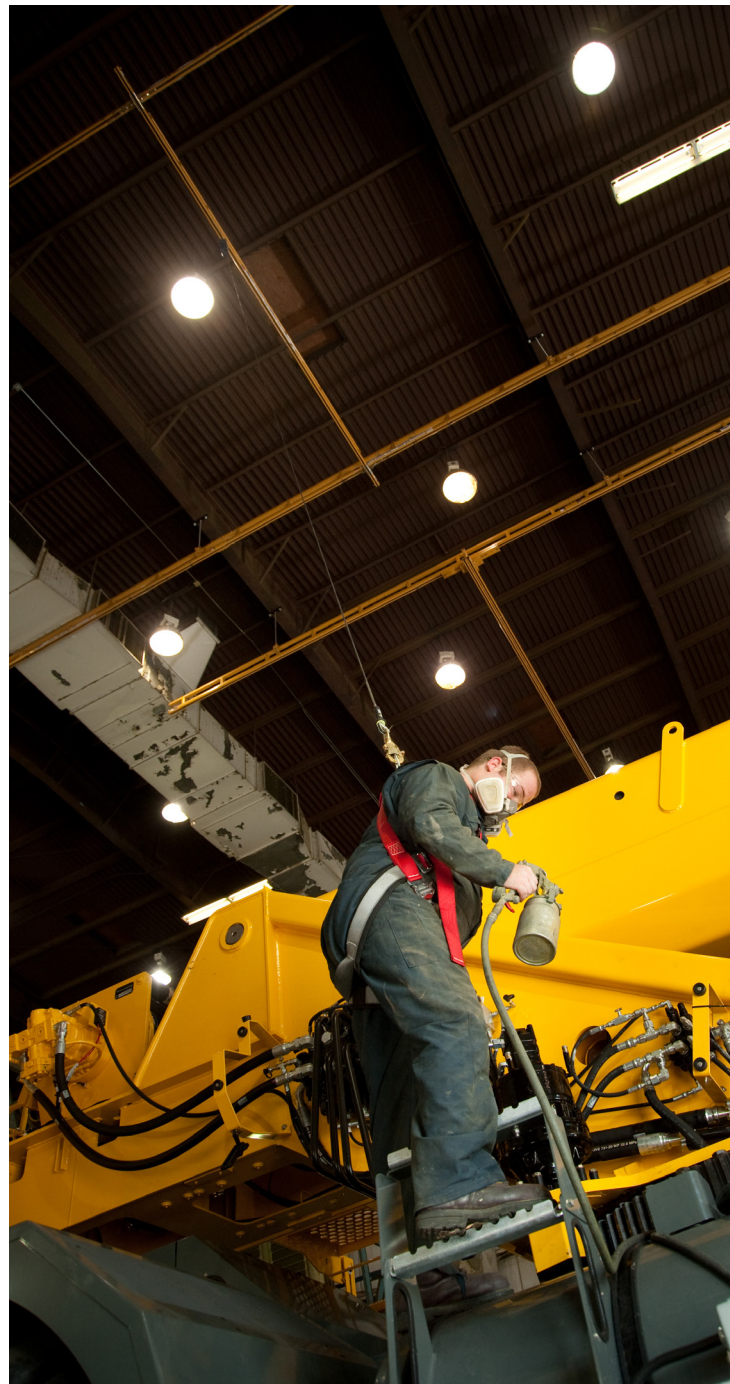
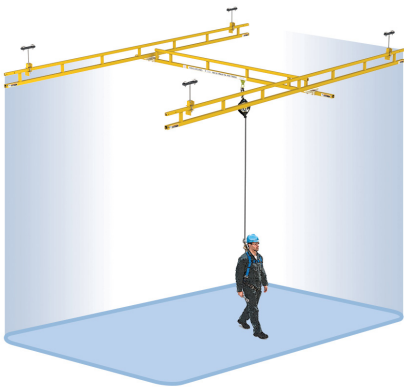
Rigid Lifelines® Traveling Bridge Anchor Track System features a trolley that traverses a traveling bridge. The traveling bridge, in turn, glides along two mounted runways.

With the double axes, the trolley can effortlessly follow the user in any direction (360 degrees). The worker's attachment point is always centered over the user's head—minimizing swing fall hazards—something not possible on wire rope or I-beam systems.

Ceiling-mounted systems are mounted either parallel or perpendicular (cross) to the building's existing ceiling support beams. Flush-mount hangers maximize working heights, while a drop-rod hanger with sway bracing can be used to overcome overhead obstacles.

Freestanding systems are compatible with large overhead cranes because they only come up to the length of the freestanding columns. Freestanding systems can also be easily repositioned when workflow or plant layout changes.

Coverage Area





Traveling Bridge Fall Protection System

Drop-rod hangers require sway bracing.

Application Options

- Virtually unlimited runway lengths
- Standard bridge lengths up to 32 feet; custom bridge lengths up to 40 feet
- Multiple bridges for multiple workers and/or very large work areas
- Stainless steel construction
- Kit systems or custom-engineered systems
- Many hanger options including flush mount, bar joist, and wood joist connections

Design

Tracks attach to existing structures or to freestanding columns and headers, and the bridge travels along the tracks

Support Structures

- Tracks are mounted to either:
- The ceiling's existing support beams, or
- Freestanding floor-bolted support columns with headers

Advantages

- User's attachment is always centered over worker's head, minimizing swing fall hazards
- Omni-directional, 360-degree user movement and protection
- User can do multiple tasks over a large area without unhooking
- Multiple bridges allow multiple users to work independently in separate areas while attached (up to two workers per bridge)

Examples

- Aircraft Hangars and Factories
- Large Vehicle Maintenance Facilities