



## Monorails

### Specification and Data Sheet

**Product Name:** Monorails

**Manufacturer:** Rooftop Anchor, Inc. 2700 South 900 West Suite 200, Salt Lake City, Utah 84119, Phone (800) 411-3914, Fax (801) 839-2929.

**Product Description:** The monorail consists of an aluminum section C-channel beam carrier with end stop angles, galvanized plates, connector plate, and monorail holder, stainless steel bolts, washers and nuts, and trolleys with stainless steel eyes (for safety lifeline and primary cable). Workers move along the monorail by pulling themselves forward or backward manually.

**Product Performance:** Monorail systems are used to access difficult-to-reach or otherwise inaccessible exterior or interior glass areas. Monorails provide continuous horizontal movement and may offer design solutions in areas such as:

- Cornices
- Overhangs
- Interior curtain walls
- Atriums

Monorails are used to support suspended one-man cages, bosun chair equipment, or powered platforms. Monorails incorporate a track that runs parallel to the windows building, and a trolley that moves freely along the track. The monorail will have a vertical working load of 1000 lbs with a safety factor of not less than four.

**Standards & Regulations:** Rooftop Anchor's product conforms to all U.S. standards, labor/safety codes and material regulations relating to anchor fabrication, window cleaning and other suspended maintenance operations. Agencies include ASME, ANSI, IWCA, OSHA, CAL, AISC, AWS, etc.

**Maintenance:** Regulatory authorities require an annual visual inspection by Rooftop Anchor, Inc. and must be recorded in the Rooftop Anchor log book. (OSHA STANDARD 1910.66(g) (1, 2, 3)) Ten year re-certification is also required for all anchors.

**Warranty Terms:** System will be under warranty to operate properly for up to twenty five years for the monorail channel and ten years for the monorail trolley following installation, and Rooftop Anchor's preliminary testing and certification, also providing annual inspections are performed by Rooftop Anchor authorized personnel, using only Rooftop Anchor specified materials. The warranty is in continuum as long as annual inspections are done by Rooftop Anchor personnel or a certified representative. Rooftop Anchor warranty card is available upon request.

**Technical Services:** Please call Rooftop Anchor, Inc.: (800) 411-3914; or visit [www.RooftopAnchor.com](http://www.RooftopAnchor.com) for technical information, graphics, CAD drawing downloads, or installation services. Rooftop Anchor highly recommends installation and inspection services performed by a certified Rooftop Anchor technician.