

Not All Fall Protection Systems Are Designed for Loading Bays

The difference between compliance and real safety lies in how systems are selected, implemented, and supported.



Selecting fall protection for loading bays is not just about choosing equipment. It requires evaluating:

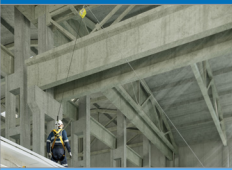
System Specification Considerations

The selected system must not just meet the bare minimum specifications; it must cater for your specific needs and ensure long term system reliability.

Supplier Selection Considerations

A good supplier must not only cater for customer needs prior to installation but also must be capable of providing after-sales services.

System Specification Considerations

System	Standard Compliance	Material	Number of Users and Weight Capacity	Versatility and Freedom of Movement
 Trolley Beam Anchor	Local or international standards such as EN 795:2012 Type B, ANSI Z359.18 Type A, or OSHA 1910.140 and OSHA 1926.502.	Made of galvanised steel or stainless steel to provide corrosion resistance. Manufacturer provides reasonable warranty period.	Ensure it is tested to comply with ANSI or EN (141 kg). Only 1 user per trolley.	Wheels must be protected by built-in guards and bearings double shielded.
 Overhead Horizontal Lifeline (HLL)	Local or international standards such as EN 795 C and D, TS 16415:2013, OSHA, or AS/NZS 1891.2:2001.	Parts made of 316 stainless steel and should be non-welded to provide corrosion resistance and reduces metal fatigue. Manufacturers need to provide reasonable corrosion resistance and product warranty. Must have shock absorber and dampener.	Manufacturer must specify the max number of users and maximum weight per user (EN - 141 kg) allowed on their system supported with test data and certificates.	The design must allow users to walk without interruption along the full length of the system while providing secure anchorage and continuous hands-free access, including around corners.
 Overhead Rigid Rail Lineline	Local or international product standards such as tested in accordance with EN 795:2012 D and TS 16415:2013 and compliant with OSHA 1926.502 and AS/NZS 1891.2:2001 standards.	Parts made of anodised aluminium and 316 stainless steel to provide corrosion resistance and reduce system weight, thereby reducing the load on the structure. Components have moulded ends that protect the exposed edges of the end rails. The manufacturer must provide adequate corrosion resistance and product warranty.		
 Modular Jib System	Local or international product standards such as tested in accordance with EN 795:2012, TS 16415:2013, and compliant with OSHA 1926.502.	Has fail-safe mast lock mechanism automatically locks mast position in the event of a primary mechanism malfunction. Eliminates the need for cumbersome height-locking fasteners.		

Supplier Selection Considerations

A responsible supplier can provide everything shown on the right.

Remember, as the end user, you have the right to request these documents, certificates, and support from the supplier.



⚠️ WARNING – AVOID

“Generic”, Improvised, Non-Certified Systems

- Unknown load ratings
- No testing documentation
- No traceability
- No system warranty

Mixing Brands and Non-Specified Components

- Invalidates system certification and warranty
- Creates unknown loads
- Complicates liability

“

If an accident happens, who signs off on this system?”



CONTACT US

For a free site assessment to find out the most suitable system for your loading bay and have a demonstration by 3M



LEARN MORE

Why is working at height in loading bays dangerous even if they are low height



EXPLORE MORE

Are your guardrails sufficient? What fall protection systems are available for loading bays?



3M India Limited
Personal Safety Division
 48-51, Phase 1, Electronics City
 Hosur Road, Bengaluru -560100, Karnataka, India
 Customer Care: 1800 425 3030
 Email: 3mpersonalsafety.in@mmm.com

3M is a trademark of 3M Company. All other trademarks herein are property of their respective owners. © 3M 2026. All rights reserved.