



## TECHNICAL DATASHEET

**UB 2025**

**ROPE GRAB FALL ARRESTER**

**STANDARD: CONFORMING TO ANSI Z359.16**

### Product Introduction:

- The Wire Rope Fall Arrester is a guided-type fall arrest system designed for vertical wire rope lifelines. It moves smoothly with the user and locks automatically in case of a fall without any manual intervention.

### Benefits:

- Design:** Anti-Upside-Down Device with integrated fall arrester and captive pin lock carabiner.
- Automatic Fall arrest:** Locks instantly on the lifeline in the event of a fall, providing immediate protection.
- Hands-free operation:** Allows continuous protection, no requirement of any manual adjustment.
- Durable & Corrosion Resistant:** Built for harsh industrial Environment like towers, ladders, and confined spaces.



### Product Specifications:

|                        |                           |
|------------------------|---------------------------|
| Model                  | UB 2025                   |
| Material               | Stainless Steel           |
| Rope Dia               | Ø8-10 mm                  |
| Required Rope Material | Stainless Steel Wire Rope |
| Breaking Strength      | 23 kN → 5000 lbs          |
| Eye Size               | 14.5 mm                   |
| Weight                 | 1.056 kg (Approx.)        |

### Applications:

- Tower Climbing & Communication Masts:** For safe vertical access on transmission towers, telecom masts, and utility poles with appropriate lifeline.
- Fixed Ladder Systems on Industrial Structures:** vertical ladders are the primary access for height in factories like silos, chimneys. lifeline system with mobile fall arrestor provide easy and safe access.
- Wind Turbine Access Systems:** Used in wind energy sector for turbine tower access with appropriate lifeline.
- Oil & Gas Installations:** Suitable for areas in offshore platforms and onshore rigs where vertical access is critical. lifeline system with mobile fall arrestor provide easy and safe access.
- Construction Sites:** For high-rise structures requiring vertical lifeline systems on permanent ladders prevent fall factor and severe injury.
- Maintenance of Elevated Structures:** ideal for areas where achieving fall clearance distance is difficult.



## UB 2025 (Fall Arrester)

### Industries:

The Fall Arresters with lifeline system are essential for maintaining a safe and efficient working environment in any manufacturing, construction, utility related industries as follow.



Pharmaceutical



Chemical



Automobile



Food & Breweries



Marine



Transportation



Steel



General  
Manufacturing



Oil & Gas



Power



Construction



Heavy  
Manufacturing



Agriculture



FMCG

### Safety Information:

The Fall Arresters are safety devices that can help prevent falls and minimize injuries. Here are some important safety tips for using fall arresters:

- **Use with a full body harness:** Connect the working cable to the chest or sternal attachment point of a full body harness.
- **Test the device:** Check the device at ground level to check the functional operation.
- **Using with the right rope & people:** Fall Arrester should be used with compatible lifeline only by properly trained workers.

### Usage Instruction/Inspection:

**A Fall Arrester should be** inspected in the following way.

- Check for corrosion, deformation, and other damage before and after each use.
- Remove dirt and contaminants with water or mild soap.
- Be careful when working near high-voltage power lines.

### Storage:

- Always the Fall Arrester should be stored in a dry area away from ultra violet rays. It should not store in direct/ high heat or sunlight as this may distort the colour. This can be stored and transported in their original cartons to avoid corrosion due to atmospheric moisture, excessive heat or cold.