



TECHNICAL DATASHEET

UB 2020S

ROPE GRAB FALL ARRESTER WITH SHOCK ABSORBER

STANDARD: CONFORMING TO EN353-1:2014 

Product Introduction:

- The Wire Rope Fall Arrester with Integrated Shock Absorber 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. The built-in energy absorber limits the impact force on the user, enhancing safety during fall arrest.

Benefits:

- **Design:** Anti-Upside-Down Device with integrated fall arrester and carabiner.
- **Automatic Fall Arrest:** Locks instantly on the lifeline in the event of a fall, providing immediate protection.
- **Integrated Shock Absorber:** Reduces fall arrest force on the user, minimizing the risk of injury.
- **Hands-Free Operation:** Allows continuous protection without the need of manual adjustment.
- **Durable & Corrosion Resistant:** Built for harsh industrial environments, towers, ladders, and confined spaces.



Product Specifications:

Model	: UB 2020S
Material	: Stainless Steel
Rope Dia	: Ø8 mm
Required Rope Material	: Stainless Steel Wire Rope
Breaking Strength	: 15 kN
Eye Size	: 11 mm
Weight	: 0.65 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 2020S (Energy Absorbing Fall Arrester)

Industries:

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



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.
- **Use 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.