



TECHNICAL DATASHEET

UB 2020

ROPE GRAB FALL ARRESTER

STANDARD: CONFORMING TO EN353-1:2014

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 carabiner.
- Automatic Fall arrest:** Locks instantly on the lifeline in the event of a fall, providing immediate protection.
- Hands-free operation:** Allows continuous protection, doesn't require any manual adjustment.
- Durable & Corrosion Resistant:** Built for harsh industrial environments, towers, ladders, and confined spaces.



Product Specifications:

Model	UB 2020
Material	Stainless Steel
Rope Dia	Ø8 mm
Required Rope Material	Stainless Steel Wire Rope
Breaking Strength	15 kN
Eye Size	11 mm
Weight	0.49 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 provides easy and safe access.
- Wind Turbine Access Systems:** Used in the 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 provides easy and safe access.
- Construction Sites:** For high-rise structures requiring vertical lifeline systems on permanent ladders to prevent fall factor and severe injury.
- Maintenance of Elevated Structures:** Ideal for areas where achieving fall clearance distance is difficult.

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UB 2020 (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.

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