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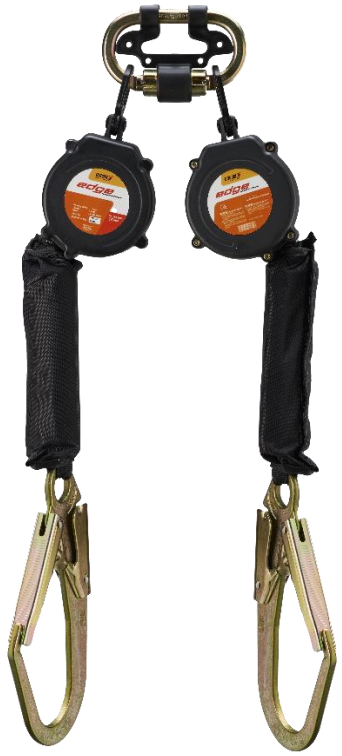
TECHNICAL DATASHEET

EDGE NANO TWIN (Scaffolding)

WEBBING TWIN RETRACTABLE FALL ARRESTER WITH SCAFFOLDING HOOK

STANDARD: CONFORMING TO EN 360:2023 CE



Product Introduction:

- A retractable fall arrester, commonly known as a self-retracting lifeline (SRL), is a sophisticated safety apparatus utilized in personal fall arrest systems (PFAS). It is specifically engineered to mitigate the risk of falls from elevated surfaces in diverse industrial and construction contexts. This device is essential for safeguarding personnel working in environments where the potential for falling from considerable heights are present.

Benefits:

- **Fast response time:** Retractable fall arresters quickly detect a fall and arrest it in a short distance.
- **Flexible and easy to use:** They don't restrict movement and are easy to useVertical and up to 40% Horizontal movement even with minimal effort.
- **Durable:** They can withstand harsh conditions, including extreme weather,chemicals, and impacts.
- **Limit force on the body:** They disperse the energy of a fall over a short distance,reducing the force on the user's body and avoid the free fall.
- **Anchorage eye with swivel action:** This prevents undue twist of the rope while working or in the event of a fall, ensuring maximum safety and preventing entanglement.
- **External Shock absorber**: High capacity external shock absorber with impact indicator absorbs shock impulses during fall.
- **Adoptor:** The Twin Retractable Fall Arrester available with a connecting adaptor for harness attachment.

Product Specifications:

Model	EDGE NANO TWIN
Housing	Thermoplastic
Connector	Scaffolding Hook
Webbing Material	UHMWPE Material (Ultra high molecular weight Poly Ethylene)
Breaking Strength	20 kN
Fall Arrest Force	6 kN (Maximum)
Safe Working Load Capacity	140 kg
Free fall distance	1.06 meter (Maximum)
Length	1.8 meter
Weight	3.55 kg (Approx.)

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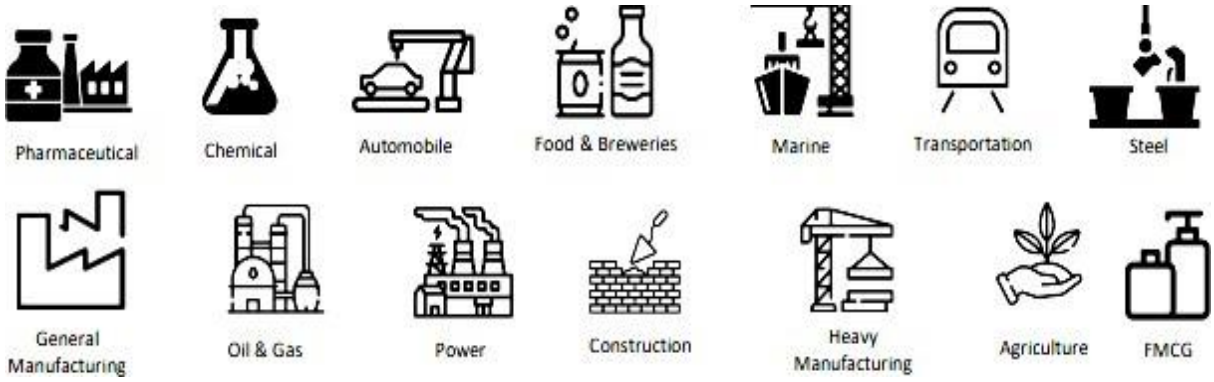
EDGE Twin Series SRL (Self Retracting Lifeline)

Applications:

- **Working at Height:** Retractable fall arresters are a crucial safety apparatus for activities conducted at elevated heights, as they substantially mitigate the risk of severe injury. These devices are employed across a multitude of professions, including facade maintenance, terrace work, scaffolding operations, aerial lift utilization, and general maintenance tasks.
- **Construction:** Used by workers on roofs, scaffolding, and during installation work.
- **Maintenance:** Used by maintenance personnel working on elevated platforms, ladders, or structures.
- **Confined spaces:** Used in situations where the user is working in a confined space.

Industries:

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



Safety Information:

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

- **Use with a full body harness**: Connect the working webbing to the dorsal attachment point of afull body harness.
- **Test the device:** Some fall arresters are tested horizontally when falling over the edge, or with loads greater than the standard 100 kg.

Usage Instruction/Inspection:

A Self Retractable fall Arrester should be inspected in the following way

- First, the fall indicator should be inspected and if a fall has been detected, please remove the SRL from service.
- Next, check the snap hook to ensure it works properly: the gate can't be forced open and there are no dents or cracks.
- Then, inspect the full length of the webbing to check for cuts, burns, or tears.
- Next, make sure that the housing has no cracks and that fasteners are all in place. Make sure that labels are present and legible.

Storage:

- Always retractable 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. The sling can be stored and transported in their original cartons to avoid corrosion due to atmospheric moisture, excessive heat or cold.

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