

▶ EDGE, NCS & NSTS

Automatic fall arresters with energy absorber



Technical specifications

▶ EDGE strap fall arrest

- Vertical and horizontal use.
- Weight: 770g.
- Total 2 m or 3.5 m length depending on model.
- Maximum user mass 140 kg.
- High density polyethylene lanyard, 25mm wide (R>22kN).
- Aluminium housing.
- Static resistance >15 kN.
- Stopping force < 600 daN.
- Swivel anchor ring with steel screw connector.
- Swivel connector and automatic locking with anodized aluminium fall indicator.
- Complies with the EN360 standard (Automatic Fall Arrest).

▶ Steel cable fall arrest

- Maximum user mass: 140kg.
- Stopping force: < 600 daN.
- Engagement speed: 20 m/min.
- Swivel drop indicator connector, self-locking, 20 mm opening.
- Static resistance: > 12 kN.
- Complies with the EN360 standard (Automatic Fall Arrest).

Classic cable fall arrest:

- Synthetic housing filled with high resistance fiberglass.
- Any component treated against corrosion.
- Available in 4 cable lengths: 5, 10, 15 and 20 meters.

Cable fall arrest with NSTS rescue hoist:

- Steel housing with epoxy coating.
- Activation of the winch by quarter-turn knob.
- Winch activation indicator.
- Available in 3 cable lengths: 10, 15 and 20 meters.
- Complies with the EN360 & EN1496 Class A standards.

Product description

The **automatic fall arrester** (also known as a **fall arrest**) is an essential component of the fall arrest protection. It is a quick release system that stops a fall in just a few inches. It can be strap-on, generally for short lengths (from 2 to 5 meters) or cable-on for difficult or severe environments (constructions, sanitation, confined spaces, manholes, etc.).

The operation principle is somewhat similar to the seat belt! It locks automatically in the event of a fall and holds the operator to prevent him from falling to the ground. It is equipped with an energy absorber (a shock absorber) whose purpose is to absorb the kinetic energy of the sudden stop of the fall so that it is less than 6 kN.

The **automatic fall arrester** must be connected to a safe anchorage point ideally located above the operator to reduce the risk of accidents and have a fall factor as close to zero as possible. It must comply with the EN360 standard.

▶ EDGE strap fall arrest



The webbing fall arrester is specifically designed for work at heights (scaffolding, roof, etc.) with a small length of connection (from 2 to 5 meters). The **EDGE automatic fall arrest** is very light and equipped with a high-density polyethylene webbing lanyard that can be automatically retracted.

It is compatible with vertical or horizontal configuration for a maximum load up to 140 kg. It also has a swivel connector to prevent the strap from twisting during use. The energy absorber is packaged in a polyester pouch. It is available in two strap lengths: 2 or 3.5 meters.

▶ Rope fall arrest

Rope fall arrests are heavier and bulkier than strap fall arrests. They are equipped with a very strong steel cable and are more specifically designed for difficult or severe areas such as manholes (risk of cutting) or confined spaces. They are equipped with an automatic retractable steel cable lanyard, with a dual catches system that allows immediate restraint in the event of a fall, and an internal kinetic energy dissipation element.



The **NCS fall arrest** has a high-strength synthetic housing, it is lightweight and equipped with an 18 mm opening screw connector (steel), an automatic connector with swivel and a 20 mm opening fall indicator (steel). It is available in 4 cable lengths: 5, 10, 15 and 20 meters.



The **NSTS automatic fall arrest** system is equipped with an emergency rescue winch, which can be easily activated after a fall, allowing to evacuate the person upwards. It is available in 3 cable lengths: 10, 15 and 20 meters.