



Area of use*



PUBLIC WORKS



HEAVY INDUSTRIE



LIGHT INDUSTRIE



BUILDING



MAINTENANCE

Technical features

Fall arrest harness.

Suitable for the restraint and fall arrest system.

Polyester strap construction.

Contrasted security seams.

Adjustable straps (sternals, thighs).

This harness includes:

- 1 dorsal connection (fall arrest) with steel ring.
- 1 sternal connection (fall arrest) with steel ring.

Colour: orange and black.

Packaging: carton of 10 pieces.

Subpackaging: individual box.

Weight: 1,2 kg.

Advantages

Includes a dorsal connection and a sternal connection.

Reinforced strength thanks to the polyester strap construction.

Suitable for most users thanks to the various adjustable straps.

Quick harness control thanks to the contrasted security seams.

ISO 9001 certified manufacturing.

PROTECTION
AGAINST FALLS

Certification

This product complies with **European Regulation (EU) 2016/425**

on Personal Protective Equipment (PPE). **Category III.**

Issued by **SATRA**, notified body n°2777.

EN 361 : 2002



CE 0598

Download the EU declaration of conformity on <http://docs.singer.fr>

STANDARDS

EN 353-2	PPE against falls from a height: Fall arresters on a flexible anchorage line.
EN 354	PPE against falls from a height: Lanyards.
EN 355	PPE against falls from a height: Energy absorber.
EN 358	PPE against falls from a height: Belts for work positioning and restraint and work positioning lanyards.
EN 360	PPE against falls from a height: Retractable type fall arresters.
EN 361	PPE against falls from a height: Full body harnesses.
EN 362	PPE against falls from a height: Connectors.
EN 363	PPE against falls from a height: Personal fall protection systems. General requirements for instructions for use, and marking.
EN 365	PPE against falls from a height: General requirements for instructions for use, and marking.
EN 795	PPE against falls from a height: Anchor devices.
EN 813	PPE against falls from a height: Sit harnesses.

EN 353-2 - FALL ARRESTERS ON A FLEXIBLE ANCHORAGE LINE



The fall arresters follows the user as he progresses and blocks him automatically in case of fall.

- > Static resistance:
 - Anchorage line (resist to a 22 kN force).
 - Anchorage cable (resist to a 15 kN force).
- > Dynamic performance (with a trial mass of 100 Kg):
 - Braking force does not go over 6 kN.
 - Stopping distance does not go over 3 m.

EN 354 - LANYARDS



Lanyards are connecting elements, they can include an energy absorber, which helps absorbing the impact of a fall. In this case, this element is covered by the standard EN 355.

EN 355 - ENERGY ABSORBER



Energy absorber is obligatorily used in situation where the user is exposed to fall risks. The lanyard has to dissipate the Energy developed during a fall from a height and to reduce the braking force to a no lesional level.

The Energy absorber is made up of a strap folded into a package. In the event of an impact, the package is torn open and the strap unfolds gradually. The anti-fall link is equipped with a connector that links the harness to the anchoring point. The connectors can be made directly with the lanyard or sold separately.

- They are covered by standard EN 362
- > Dynamic performance:
 - Braking force does not go over 6 kN.
 - Static preloading: 2kN
 - > Static resistance:
 - Absorber (completely unfold) resist to 15 kN.

EN 358 - WORK POSITIONING BELTS AND LANYARD



The work positioning lanyard links the belt to the anchoring point (restraint), or to a surrounding structure to allow to free the hands (work positioning).

The work positioning lanyard connects a belt at an anchor point (restraint), or a structure surrounding it, so to be able to let go of the hands (maintenance at work). In this case, use with a fall arrest system.

EN 360 - RETRACTABLE TYPE FALL ARRESTER



The retractable type fall arrester is equipped with a retractable lanyard, it ensures the automatic locking function in case of fall. It integrates a dissipator or an energy absorber.

- > Static resistance:
 - With a retractable textile lanyard: 15 kN
 - With a retractable metal lanyard: 12 kN
- > Dynamic performance:
 - Braking force does not go over 6 kN.

EN 361 - FULL BODY HARNESS



The fall arrest harness is a body gripping device (adjustable to the user's morphology) designed to stop falls.

It's an element of the fall arrest device (anchorage device + fall arrest link + full body harness)

- > Static resistance: 15kN
- > Dynamic performance:
 - Harness fitted to a 100 kg mass, connected to a rope.
 - Must resist to two falls of 4 m: Head-up position, and head-down position the harness must hold the dummy. After each fall, the dummy must be hold in a position not exceeding 50° from the upright position.

EN 362 - CONNECTORS



Connectors are openable device used to connect components. The locking of the connector is divided into a minimum of two actions (automatic-locking gate or manual-locking gate),

Different shapes exist to fit to the types of works and environment. They can be made of galvanized steel, stainless steel, alloy steel...

- > Static resistance for a basic connector (class B):
 - Major axis gate closed and unlocked: 15 kN.
 - Major axis gate closed and locked: 20 kN.
 - Minor axis Gate closed: 7 kN.

EN 795 - ANCHORAGE DEVICES



The anchor device includes fix or mobile anchor points. They are intended for the connection of components in a personal fall protection system.

Type	Anchor Device
A	anchor device with one or more stationary anchor points, while in use, and with the need for a structural anchor(s) or fixing element(s) to fix to the structure
B	anchor device with one or more stationary anchor points without the need for a structural anchor(s) or fixing element(s) to fix to the structure
C	anchor device employing a flexible anchor line which deviates from the horizontal by not more than 15°
D	anchor device employing a rigid anchor line which deviates from the horizontal by not more than 15°
E	anchor device for use on surfaces up to 5° from the horizontal where the performance relies solely on mass and friction between itself and the surface

Example for an anchor device type B:

- > Static resistance: during 3 mm if the anchor device is in metal: 12 kN, if the anchor device is in textil: 18 kN.
- > Dynamic resistance: fall of a mass of 300 Kg in factor 1, no braking.

EN 813 - SIT HARNESSSES



The sit harness is a textil element encircling the waist, connected to each leg and provided with a ventral attachment point allowing the suspension of a person.

- > Static resistance: 15 kN