

SCAN[®]

Full Body Harness

2 Point Anchorage

SCAFAHARN6

CE 0194 EN 361:2002

IMPORTANT:

Read these instructions carefully
and retain them for future reference.

WARNING:

- Activities involving the use of this equipment are inherently dangerous.
- You are responsible for your own actions and decisions.
- Before using this equipment, you must:
 - Read and understand all Instructions for its use.
 - Get specific training in its correct use.
 - Become acquainted with its capabilities and limitations.
 - Understand and accept the risk involved.

It is the responsibility of the organisation or user of this equipment to ensure that the Equipment Control Card which forms part of these instructions (page 11) is filled in, before the first use of this harness and maintained throughout its working life.

A copy of these instruction should be available to the user of this harness and they should be provided with a copy of these instruction prior to each use.

The Equipment Control Card must be maintained by a suitable qualified person and give details of inspections and any repairs carried out on this harness. The Equipment Control Card should be held on file throughout the working lifetime of the harness.

This full body harness is manufactured from polyester and designed in according to EN361 to be used for working at a height on general building construction sites.

The harness is designed for use with a personal fall protection system to prevent

the user from going into a free fall.

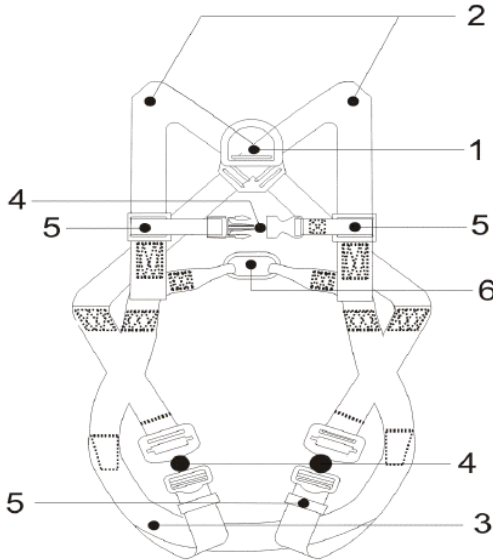
This harness is one of the component intended for use in a fall arrest system and must not be used for work positioning, in a restraining or rescue system as described in the EN363 standard.

WARNING:

- The equipment must not be used outside its limitations or for any purpose other than that for which it is intended.
- Specific training is essential before use. This product must only be used by competent and responsible persons or those placed under the direct and visual control of a competent and responsible person. Gaining an adequate apprenticeship in the appropriate techniques and methods of protection is your own responsibility.
- You personally assume all risks and responsibilities for all damage, injury or death which may occur during or following the incorrect use of this product in any manner whatsoever. If you are not able or are not in a position to assume responsibility or to take this risk, do not use this equipment.

All declarations of conformity for
SCAN products are available at
www.scan-safety.com

Nomenclature of Parts



- 1) EN361 dorsal attachment point
- 2) Shoulder straps
- 3) Leg loops
- 4) Double back adjustment buckle
- 5) Sliders
- 6) EN361 sternal attachment point

EN 361:2002 fall arrest harness

1A/B. Sternal attachment points. These points marked with letter "A/2" are used in mobile fall arrester and other rope access system as set down and described in the EN363 standard.

1C. Dorsal attachment point. this point marked with the letter "A" is used only for fall arrest system in combination with an energy absorber lanyard, connector and other components that complied to the required EN standard.

1D. Clearance = amount of clear free fall space between the anchor and an obstacle. It is essential for safety to verify the free space required beneath the user at the workplace before each occasion of use. The clearance under the user must be sufficient to prevent them from hitting an obstacle in the case of a fall. For information on how to calculate clearance, see 1D.

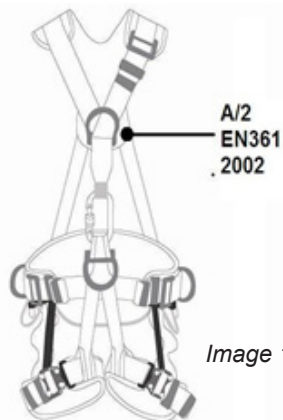


Image 1A

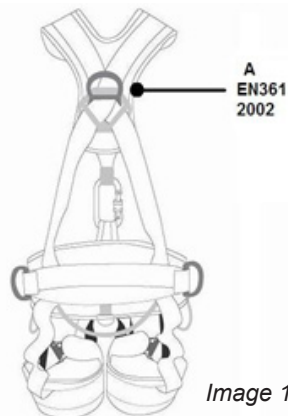
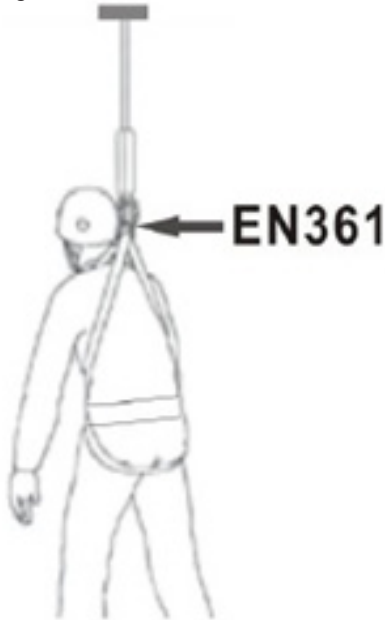


Image 1B

Image 1C



INSPECTION, POINTS TO VERIFY

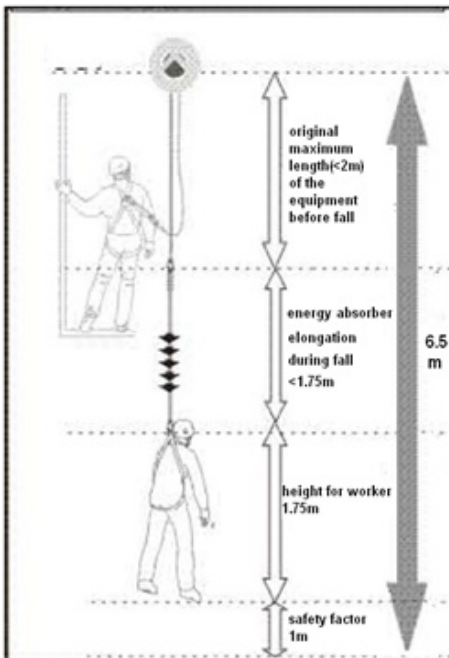
A full body harness is the only acceptable body holding device that can be used in a fall arrest system.

Before each use the harness should be inspected, check the webbing and the safety stitching and all the attachment points. Look for cuts in the webbing, wear or damage due to use, exposure to heat or any contact with chemical products, etc. Be particularly careful to check for cut threads. Check all metal fitment for signs of fatigue or extreme wear.

Directional connector

Metal connectors ensure the body, gate and locking sleeve are free of any cracks, deformation, corrosion, etc. Open the gate and verify that it closes itself automatically when released. Verify that the locking sleeve operates properly. The key lock solt (gate) must not be blocked by any foreign matter (dirt, pebble, etc).

Image 1D



During each use

It is important to regularly inspect the condition of the product. Check its connections with the other equipment in the system and make sure that the various pieces of equipment in the system are correctly positioned with respect to each other.

Contact Scan if there is any doubt about the condition of this product.

Warning for attachments point on the full body harness:

The two shoulder loops which marked with letter "A/2" must be used together with connected by a connector as attachment point.

The connector used to connect both shoulder loops must be complied with EN362.

When both shoulder loops are used as front attachment points, the frontal D-ring on the chest strap must not be connected at the same time.

The frontal D-ring and shoulder front attachment are used in mobile fall arrest and other rope access system which complied in the EN363 standard. See Image 1A/B.

Compatibility

ATTACHMENT POINTS

Connectors

An incompatible connection can cause accidental disconnection, breakage, or affect the safety function of another piece of equipment.

WARNING

The attachment points of your harness can act as a lever on the gate of a connector. When a sudden tension comes onto the rope and or an external pressure on the locking system and the connector is poorly positioned, the locking sleeve can break and the gate can open itself.

To reduce this risk check that your connectors are properly positioned each time the system is loaded (lanyard, descender, etc.).

Also make sure your connectors are compatible with the attachment points (shape, size, etc.) by avoiding the use of connectors showing a tendency to position themselves incorrectly (and stably) in the attachment points.

EN 365: WARNING

Compatibility

Check that this product is compatible with the other components of your equipment, see the instructions specific to the products.

WARNING

When using multiple pieces of equipment together, a dangerous situation can result if the safety function of one piece of equipment is compromised by the operation of another piece of equipment. Contact Scan if you are uncertain about the compatibility of your equipment.

Anchors: Work at height

The anchor point of the system should always be positioned and the work carried out in such a way, as to minimise both the potential for falls and potential fall distance. The anchorage point should preferably be located above the user's preferred position and must conform to the requirements of the EN 795 standard, in particular the minimum strength of the anchor must be 12KN.

The connection to the anchoring point or to the structure must be done using connectors, energy absorbers, lanyards and to other components of a fall arrest system.

Connectors

Carabiners must always be used with the gate closed and locked. Systematically verify the gate is closed by pressing it with your hand. Inspect the connectors as indicated in their Instructions for use.

Various

WARNING

The full body harness performance may deteriorate under the following conditions e.g. excessively high temperature, the effect of sharp edges, chemical reagents, electrical conductivity, cutting, abrasion: UV degradation and other climatic conditions.

Users must be medically fit for activities at height.

WARNING

Suspension in a harness can result in serious injury or death.

- You must check to ensure that the product markings remain legible during the entire lifetime of the product.
- You must verify the suitability of this equipment for use in your application with regard to applicable governmental regulations and other standards on occupational safety.
- The instructions for use for each item of equipment used in conjunction with this product must comply to all other related European standards.
- The instructions for use must be provided to users of this equipment. if the equipment is re-sold outside the original country of destination the reseller shall provide these instructions in the language of the country in which the product is to be used.

How to put the harness on

(See page 8)

Buckle Connection Instructions

(See page 9)

Information regarding standards

RESCUE PLAN

You must have a rescue plan and the means to rapidly implement it in case of difficulties encountered while using this equipment. This implies an adequate training in the necessary rescue techniques.

Various

WARNING

Be careful to ensure that no part of your fall arrest equipment rubs against abrasive or sharp surfaces or comes in to contact with chemicals that may cause damage to the webbing material.

WARNING

When using multiple pieces of equipment together, a dangerous situation can result if the safety function of one piece of equipment is compromised by another piece of equipment. Always check the equipment in use meets the required standards before commencing work at height.

You must verify the suitability of this equipment for use in your application with regard to applicable governmental regulations and other standards on occupational safety.

- The instructions for each item of equipment used in conjunction with this product must be respected.
- The instructions for use must be provided to users of this equipment.

If the equipment is re-sold outside the original country of destination the reseller shall provide these instructions in the language of the country in which the product is to be used.

Lifetime

WARNING

An exceptional event can reduce the lifetime of the product to one single use; for example, if it is exposed to any of the following: chemicals, extreme temperatures, sharp edges, major fall or load, etc.

The potential lifetime of Scan products is as follows: up to 10 years from the date of manufacture for plastic and textile products. It is indefinite for metallic products.

The actual lifetime of a product ends when it meets one of the retirement criteria listed below (see “When to retire your equipment”), or when in its system use it is judged obsolete.

The actual lifetime is influenced by a variety of factors such as: the intensity, frequency, and environment of use, the competence of the user, how well the product is stored and maintained, etc. Inspect equipment periodically for damage and / or deterioration.

In addition to the inspection before and during use, a periodic in-depth inspection must be carried out by a competent inspector at least once every year. This inspection must be performed at least once every 12 months. The frequency of the in-depth inspection must be governed by the type and the intensity of use. To keep better track of your equipment, it is preferable to assign each piece of equipment to a unique user so that he will know its history. The results of inspections should be documented in an

inspection record.

This document must allow recording of the following details: type of equipment, model, name and contact information of the manufacturer or distributor, means of identification (serial or individual number), year of manufacture, date of purchase, date of first use, name of user (where applicable), all other pertinent information for example maintenance and frequency of use, the history of periodic inspections (date/ comments and noted problems / name and signature of the competent person who performed the inspection / anticipated date of next inspection).

When to retire your equipment

WARNING

Immediately retire any equipment if:

- It fails to pass inspection (inspection before or during use and at any periodic in-depth inspection).
- It has been subjected to a major fall or load.
- You do not know its full usage history.
- It is at least 10 years old and made of plastics or textiles.
- You have any doubt as to its integrity.



A) Open the leg loop buckles and, holding the shoulder straps, put on the harness like a vest.



B) Adjust the shoulder strap and fasten the chest strap.



C) Fasten the leg straps. Adjustment and suspension test the harness must be adjusted to fit snugly to reduce the risk of injury in case of a fall.



D) You must move around and hang in the harness (suspension test) from dorsal attachment point with your equipment to verify that the harness fits properly, provides adequate comfort for the intended use that it is optimally adjusted.



A) Ensure straps are not twisted. The loose end of webbing is for adjustment and must always be located on the outside. (away from the user)



B) Push both halves of the buckles together until you hear a click. Tug on both halves of the buckles to make sure it is firmly connected. Pull loose end of the strap to tighten. Then slide the rigid keeper (on chest strap only) up to buckle to reduce web sliding. Tuck excess webbing into elastic keepers.



C) To disconnect, push forward on both release levers, then pull buckle apart.

DESTROY RETIRED EQUIPMENT TO PREVENT FURTHER USE

Product obsolescence

There are many reasons why a product may be judged obsolete and thus retired before the end of its actual lifetime.

Examples Include: changes in applicable standards, regulations, or legislation, development of new techniques, incompatibility with other equipment, etc.

MAINTENANCE

Proper maintenance of your harness essential to insure the integrity of its component parts and therefore the user's safety. Please comply strictly to the following recommendations:

1. Clean the straps and buckles in water and household soap, in case of minor soiling, wipe the full body harness with a cotton cloth or soft brush. Do not use any abrasive material when cleaning this product. For intensive cleaning, wash the harness in water at a temperature between 30°C to 60°C by using a neutral detergent (PH±7). The washing temperature should not exceed 60°C. Do not use acid or basic detergents. Follow the washing instructions carefully.
2. Use professional disinfectant that has no adverse effect on the materials used on this product and adhere to manufacture's procedure.
3. Allow the harness to dry in a ventilated room away from any direct source of heat. This also applies for harnesses that have become wet during use.
4. Never place heavy items on top of the harness.

Periodic Examination

WARNING

A competent person should periodically inspect and maintain records of this PPE equipment as mentioned in the attached Equipment control card.

1. The regular periodic examinations are very important as the safety of users depends upon the continued efficiency and durability of the equipment at least once a year.
2. It is recommended that the harness should be inspected and examined by a competent person for any sign of damage and strictly in accordance with item 3 below.
3. Method of periodic examination could be carried out as follows:
 - A - Inspect the webbing for any damages or cuts.
 - B - Check all metal fittings for any damages or rust, inspect for any cracks.
 - C - Check all plastic fittings for any damages.
 - D - Check all the stitches of the harness.
 - E - Maintain all inspection details on the Equipment control card.
 - F - Check the legibility of the product marking.

SCAN sewing label example



**FALL ARREST
HARNESS**

CE **EN361 : 2002**

SCAN SAFETY PRODUCTS
NR4 6DG, NORFOLK, UNITED KINGDOM

Year mfrd: _____

Serial No: _____

Model: _____

PO No: _____



Made of Polyester

Equipment control card

Manufacturer	Scan Safety Products					
Contact details	Tel: 0845 673 333 - e-mail: enquiries@scan-safety.com					
Manufacturing date		Life expiry date	3 years			
Model		Serial No.				
Date of purchase		Date first put service		Name of user		
User's comments:						
S.No.	Date	Controller	Results	Comments	Signature	Next inspection
1						
2						
3						
4						
5						
6						
7						



Scan Safety Products

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