

**Product Information Sheet**  
**Scaffolders Kit**

**Introduction**

It has become common practice that whilst erecting a scaffold structure a scaffolder will employ a full body harness as a means of fall protection. This relates to the requirements under the *Work at Height Regulation 2005* and the *Health and Safety at Work Act 1974* for an employer to protect their employee against the risks of falling. The National Access and Scaffold Confederation have issued a guidance notice (SG4: 2005) on how the use of a harness can be incorporated when erecting and dismantling scaffolds. The Scaffolders Kit includes a Full Body Harness and Fall Arrest Lanyard ideally suited to this task.

Although aimed at Scaffolders this kit is of equal value to anyone who has to work in a construction environment where they may come into contact with scaffolds, or use scaffolds as an anchor point.

**What are the key selling points?****Harness:**

- High quality polyester webbing so that it is supple and conforms to the users shape
- Reinforcement to shoulders to prevent abrasion when carrying tubes
- Polished Stainless Steel fittings throughout for corrosion resistance and ease of adjustment
- Single rear attachment point
- Fits a wide size range and is lightweight and easy to adjust
- Clear labelling showing the model, year of manufacture, test standards and individual serial number for traceability
- Contrast colour stitch for ease of inspection

**Lanyard:**

- High quality polyester webbing for resistance to environmental conditions
- The full length Lanyard compliant with NASC guidance SG4
- The lanyard includes a double-action scaffold hook for ease of use on scaffold structures
- Shock-absorbing element to reduce impact forces in the event of a fall
- Integral back-up security strap in the shock-absorber

## When do I have to wear my harness?

SG4: 2005 and the *Work at Height Regulations 2005* recommend that a harness is used when erecting, dismantling and modifying a scaffold, if there is an unprotected edge over which a scaffolder could fall. This means that the harness has to be worn and the lanyard anchored to the scaffold until the edge protection is installed. As soon as the handrail can be installed, the risk of falling is removed and then the harness and lanyard no longer need to be anchored. While the Harness and Lanyard are in use it is generally used as a **Fall Arrest** System.

## What does using my harness in **Fall Arrest** mean?

The lanyard has an integral shock-absorbing pack, so that in the event of the fall the lanyard will help to reduce the shock load to an acceptable level. This is using the harness for **Fall Arrest** – giving the user enough “slack” in his lanyard to move freely, but accepting that he can now fall and so the equipment must protect him. When using the harness for **Fall Arrest** there must be sufficient space below where the fall occurs to prevent the user hitting the ground or any other obstacles – this is referred to as the *Clearance Height*.

## How much *Clearance Height* do I need?

This will depend on how far you have fallen until the lanyard pulls tight. After this the shock absorber will open by enough to arrest your fall. You can limit your fall distance by choosing an *anchor point* that is as high above your head as possible. This would normally be the ledger above head height. For example when the lanyard is anchored at foot level the user should have at least 6m of clearance below them. However if the lanyard is anchored above head height, then the user may need between less than 3m of clearance below them.

## What can I use as an *anchor point*?

The anchor point should always be something that you are able to quantify the strength of. You should never attach to an anchor point if you do not know how strong it is!

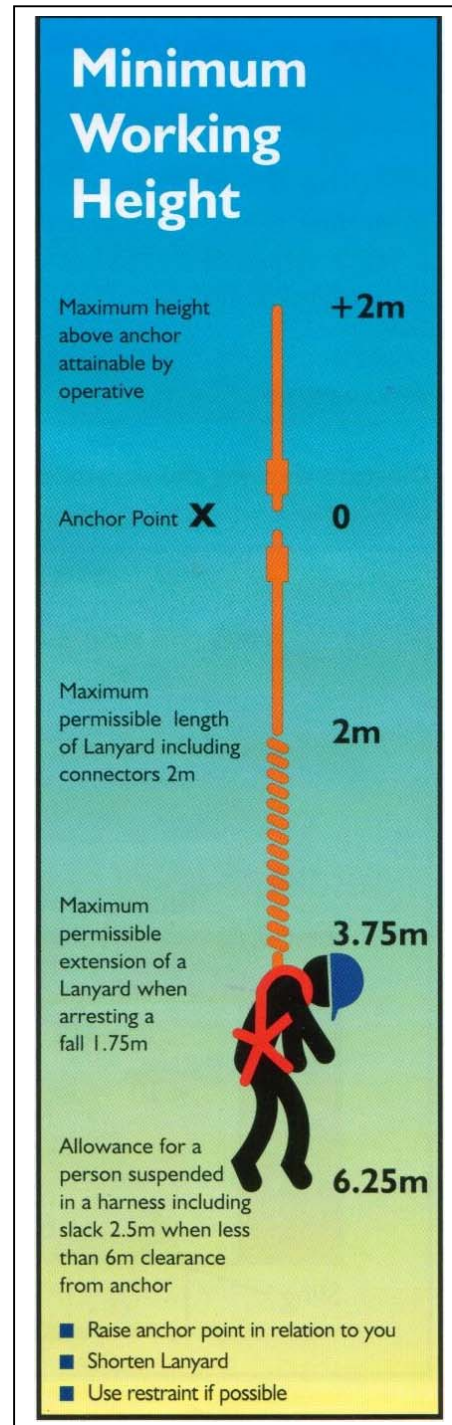
When using the harness in **Fall Arrest** the anchor point will be subjected to a shock load generated during the fall, this could be up to 6kN (approximately 600kg).

This kit is design to be used while working on a scaffold structure, which if erected correctly should be able to withstand the shock load. However it is best practice to anchor the kit to a ledger or horizontal tube so that the scaffold hook on the lanyard is correctly loaded and cannot slip downwards.

Want to know more about how to use, or risk assess the use of your harness?

SpanSet offer a range of harness training courses that can be carried out at one of their regional training centres.

- Diagram to show the maximum potential deployment of the lanyard when anchored at foot level.



## **SCAFFLITE Harness (Order code: SCAFFLITE)**

### **Description – what is it?**

Full Body Harness with a single rear attachment point and reinforced shoulder straps to prevent wear while carrying equipment.

A Full Body harness is your link to the rest of your safety system. It must fit you correctly to do its job properly.



### **Function – what can I use it for?**

This harness has been designed and tested to be part of a Fall Arrest System; this means that the harness can be used to catch you in the event of a fall.

However it can also be used for as part of a Work Restraint System; this means that it can be used to limit your freedom of movement to prevent you falling.

### **Compatibility – what can I use with it?**

This type of harness is ideal for use with:

Fall arrest lanyards, such as the T-Pak Elastic Lanyard for applications like scaffolding

Overhead Fall Arrest Systems for unloading vehicles, such as the SpanSet “Capcha System”

Adjustable Restraint Lanyards as part of your Work Restraint System in Powered Access Platforms

### **Suitability - who can use it?**

There is no weight limitation on this harness, however it will only work effectively if it has been fitted correctly. Therefore it is essential that you ensure your harness fits you correctly.

If you are not sure how to fit your harness you should contact SpanSet Training Department for advice.

**SpanSet Ltd**  
Telford Way, Middlewich, Cheshire, CW10 0HX  
Tel: +44 (0)1606 737494 Fax: +44 (0)1606 737502  
E-mail: [customerservices@spanset.co.uk](mailto:customerservices@spanset.co.uk)

## Product Lifespan – how long will it last?

This product has an ultimate lifespan of 10 years and a maximum of 5 years from date of first use.

## Relevant Standards – how has it been tested?

BSEN361: 2002 = Personal protective equipment against falls from a height - Full Body Harnesses.  
This is the European standard describing harnesses for work at height when using Work Restraint and Fall Arrest techniques, the harness is statically test to over 1.5 ton and dynamically drop tested using a 100kg test dummy.

## Specification & Materials – what is it made from?

45mm polyester harness webbing

- Wider and more supple web = more comfort for wearer
- Polyester web which can resist many chemicals and UV light = improved lifespan

Stainless steel fittings throughout

- More durable and resistant to corrosion than normal mild steel fittings = strength and improved lifespan

## Packaging and Certification – what paperwork do it get with it?

Product History Card

Every SpanSet product is supplied with its own product history card giving you a record of where the item came from, how old it is and when it has been inspected.

Individually Serial Numbered for Traceability

Every SpanSet product is labeled with its own individual serial number linking it to the Product History Card and SpanSet factory records.

Pocket Inspection Guide

Every SpanSet product is supplied with a pocket inspection guide helping you to look after your equipment and ensure it is safe to use.

## Price – how much does it cost?

The RRP of this product is £42.63 (excluding VAT)

## Fall Arrest Lanyard (Order code: TP130)

### Description – what is it?

An energy absorbing Fall Arrest Lanyard.

The fall arrest lanyard is the connection between your harness and the anchor. It must also be able to limit any impact forces placed on your body by the harness as it catches your fall. The Fall Arrest Lanyard will do this by absorbing the force of your fall using special tear webbing.



### Function – what can I use it for?

This lanyard has been designed and tested to be part of a Fall Arrest System; this means that the lanyard can be used to catch you in the event of a fall and it will limit the impact force to prevent serious injury.

The Fall Arrest Lanyard is designed to arrest a free fall of twice its length, however you will need to ensure you have sufficient clearance height below your work platform. The lanyard will be more effective if the anchor point is above your head height, or further away from the edge over which you can fall.

### Compatibility – what can I use with it?

This type of lanyard is ideal for use with a:

Full body harness and WRAPPA sling for fall protection while constructing scaffold structures.

Horizontal Safety Lines and Full Body Harness for fall protection while steel erecting.

### Suitability - who can use it?

The SpanSet T-Pak range of lanyards are designed with an average person in mind and tested using a 100kg dummy. We have test data to show that T-Pak lanyards work for a range of weights, however if you weigh more than 115kg we would recommend you consider using a lanyard from our ATLAS 140 range.

If you are not sure how to use your lanyard you should contact SpanSet for advice and training.

## Product Lifespan – how long will it last?

This product has an ultimate lifespan of 10 years and a maximum of 5 years from date of first use.

## Relevant Standards – how has it been tested?

BSEN355: 2002 = Personal protective equipment against falls from a height – Energy Absorbers.

This is the European standard describing energy absorbing lanyards for work at height when using Fall Arrest techniques, the lanyard is statically test to over 22kN and dynamically drop tested using a 100kg test mass.

## Specification & Materials – what is it made from?

25mm Polyester Webbing

- Lightweight and Supple for ease of use
- Simple to inspect
- Duplex construction for increase resistance to the effect of edges during a fall

Maillon Rapide

- For secure semi-permanent connection to the harness

Scaffold Hook

- Quick and secure attachment to scaffold tubes
- Captive to prevent loss and mis-use

## Packaging and Certification – what paperwork do I get with it?

Product History Card

Every SpanSet product is supplied with it's own product history card giving you a record of where the item came from, how old it is and when it has been inspected.

Individually Serial Numbered for Traceability

Every SpanSet product is labeled with it's own individual serial number linking it to the Product History Card and SpanSet factory records.

Pocket Inspection Guide

Every SpanSet product is supplied with a pocket inspection guide helping you to look after your equipment and ensure it is safe to use.

## Price – how much does it cost?

The RRP of this product is £42.94 (excluding VAT)

SpanSet Ltd  
Telford Way, Middlewich, Cheshire, CW10 0HX  
Tel: +44 (0)1606 737494 Fax: +44 (0)1606 737502  
E-mail: [customerservices@spanset.co.uk](mailto:customerservices@spanset.co.uk)