

Product Information Sheet MEWP Kit

Introduction

When working in a Mobile platform or MEWP it is best practise to use an additional “**work restraint**” system for security. It is also essential that all drivers of MEWP’s have been properly trained and IPAF (the International Powered Access Federation – the industry lead body) provide training courses for this. In addition to driver training SpanSet provide harness training to IPAF standards for those who wish to work in a MEWPs, but are not required to drive the machine.

Why do I need to wear a harness in a MEWP?

Whilst the MEWP is classed as a safe working platform, there have been a number of incidents where the machine has either been struck by another vehicle or suffered from some form of mechanical failure resulting in the basket moving in an unexpected and violent manner. The use of a “**personal restraint**” system ensures that in the event of any unexpected movement the operative will be retained within the basket. If users do not attach to the basket then they risk falling out. If they use the wrong equipment then the machine may not be able to cope with the loads it can exert.



What is a “Work Restraint” system?

The “**Work at Height Regulations 2005**” are based around a hierarchy of measures.

This places “**collective**” measures (for example mobile platforms) above “**personal**” measures (use of harnesses).

It also places “**fall prevention**” above “**fall protection**” as it is better to stop someone falling rather catch them when they have fallen.

A mobile platform or MEWP is classed as **Collective Fall Prevention**.

The additional security in the basket is provided by a **Personal work restraint** system, which is classed as **Personal Fall Prevention**.

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OK, but what is a work restraint system in reality?

It is a system that restricts the users movement so that they cannot reach a hazard. This comprises of a full body harness with a lanyard. When attached the lanyard should be short enough to ensure the user stays within the confines of the basket. In the case of the MEWP kit the lanyard is adjustable so that it can be used in a variety of different sized baskets. The user simply adjusts the lanyard until it is short enough.

Why do I need a full body harness and not a waist belt?

A full body harness distributes loads more evenly across the body than a waist belt. In the event of the user experiencing a sudden and violent movement of the basket the full body harness will be far more comfortable and effective than a waist belt.

What features are contained in the MEWP Kit?

All items are:

- CE marked and tested (Harness EN361 Adjustable Lanyard EN358)
- Individually serial numbered for traceability
- Supplied with clear instructions and pocket inspection card
- Supplied with an individually serial numbered “Product History Card” – a certificate of conformity and inspection record in one.

The Full Body:

- Is lightweight
- Includes adjustment at the legs, shoulders and chest to fit a wide range of users more comfortably
- Has a rear attachment point so the lanyard is not in the users working area

The Rope Adjustable Restraint Lanyard:

- Screw-link connector for secure attachment to the harness
- Is adjustable in length from 1 metre up to 1.5 metres
- Is constructed from rope for ease of use and durability
- Includes an Autolock karabiner at the anchor end for security and speed when attaching in to the basket
- The karabiner is captive to the lanyard to prevent it from being detached or lost

1 Point Lite Harness (Order code: 1PL)

Description – what is it?

Full Body Harness with a single rear attachment point.

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 in vehicles and workshops, such as the SpanSet “Capcha System”, especially when combined with an extension strap for convenience.

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 for advice and training.

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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 £39.01 (excluding VAT)

Rope Adjustable Restraint Lanyard (Order code: RARL1129)

Description – what is it?

An adjustable work restraint lanyard.

The work restraint lanyard is the connection between your harness and the anchor. It must be able to limit your movement to prevent you falling, or reaching a fall hazard. This lanyard is adjustable in length from 1m to 1.5m, so that you can adjust the amount of slack to suit the area where you are working.



Function – what can I use it for?

This lanyard has been designed and tested to be part of a Work Restraint System; this means that the lanyard can only be used to limit your movement and prevent a fall. The adjustable work restraint lanyard cannot be used to arrest a fall.

Compatibility – what can I use with it?

This type of lanyard is ideal for use with:

A full body harness as part of a work restraint system in a Mobile Elevated Work Platform.
Horizontal wire anchorage lines for access on structures, such as roofs and gantries.

Suitability - who can use it?

This lanyard is suitable for any size and weight of person to use.

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?

BSEN358: 2000 = Personal protective equipment for work positioning and prevention of falls from a height.

Belts for work positioning and restraint and work position lanyards.

This is the European standard describing lanyard for use to prevent a fall.

Specification & Materials – what is it made from?

11mm Polyamide Semi-Static Rope

- Lightweight and Supple for ease of use
- Simple to inspect

Steel Autolock Karabiner

- Double locking action for quick, secure connection to the anchor point

Maillon Rapide

- For secure semi-permanent connection to the harness

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Price – how much does it cost?

The RRP of this product is £23.51 (excluding VAT)