

ClipStile Ladder Safety System

Height Safety
Lifting
Load Control
Safety Management



ClipStile Ladder Safety System

Order Code

- 2030205 - ClipStile bundle with small belt
- 2030206 - ClipStile bundle with medium belt
- 2030207 - ClipStile bundle with large belt

What is it?

- Carry bag that doubles as a rated lifting bag for tools and equipment.
- 25mm ladder stabiliser strap to secure the base of the ladder and prevent it slipping.
- 12m hauling line system with lock-off, enabling tools to be safely hauled in the lifting bag to their working position.
- ClipStile Attachment Strap that can be choked on the ladder stiles and work positioning belt to connect into the ClipStile Attachment strap.
- Work position belt.



What can it be used for?

The ClipStile Ladder Safety System enables a worker to

- Stabilise a temporary/extension ladder.
- Raise their tools and equipment into position at the top of the ladder, lock off in position and lower them, all from floor level.
- Climb the ladder unencumbered by tools or equipment using 3 points of contact.
- Once in position ClipStile provides 2 additional points of contact to enable workers to safely carry out short tasks.
- The ClipStile attachment strap provides stability and confidence keeping the worker within the safe limits of the ladder - preventing over-reaching.

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What can I use it with?

Complete bundles cover all requirements for ladder working. Can also be paired with a full body harness with belt in place of a belt for those who also carry out other work at height activities such as working in MEWP's.

Who can use it?

Any trained worker who uses temporary ladders.

How long will it last?

10 year lifespan.

How has it been tested?

Anchor strap EN795:2012 Type B

Hauling system proof load tested to 50kg+

What is it made from and why?

- **Polyester webbing** (anchor – 2.25t MBS, stabiliser straps – 1.3t MBS, bag straps, belt webbing – 3.2t, gear loops)
- **Aluminium** (double action hooks, carabine hook, hauling device, QRB, d-rings)
- **Mild steel** (S-hook, cam buckle)
- **Polyester** (6mm cord, stuff bag)
- **PVC** (hauling bag)

Additional SpanSet Features

Individual Serial Numbering – All SpanSet height safety products are individually serial numbered for traceability. IDX4U label with QR code for easy access to individual product info.

What paperwork is supplied?

- Multilingual instructions
- Pictorial instructions for the full bundle
- Individual Product History Card for the anchor strap. This record contains all the documentation required to maintain the product. The front forms the European Declaration of Conformity and the table on the reverse can be completed too for the inspection card.

What training is required?

Training is provided through HSS and should be added to Ladder Association training courses.

Assessment and Planning -

HSS - Ladder and Stepladder for Managers

Use -

HSS - Ladder Association courses

Inspection and Maintenance -

Height Safety Equipment Appreciation and Inspection
Competent Person Practical Inspection & Record Keeping
(Harnesses and Lanyards)

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All training for work at height is conducted in accordance with BS8454:2006 and is audited as part of our ISO9001:2015 quality management system.

For additional information on training please go to www.spanset.co.uk or Email: training@spanset.co.uk or call our dedicated line 01606 738529.

How does ClipStile work in use?

When stood on a ladder the user's weight is primarily on their feet and they use their hands for security, plus to keep in balance.

When using ClipStile the user still weights the ladder with their feet, but we replace their hands.

Technically ClipStile is a Work Position system and as such the user requires 2 attachment points.

Rather than have a primary and a secondary point, ClipStile has 2 equal primary attachment points.

ClipStile applies less load to the ladder when in use than the user does through their feet.

The load is applied statically to avoid unsettling the ladder and the potential for slipping is removed.

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Ladder Stability & Suitability

We recommend the ladder is level and includes anti slip systems, plus is secured to the structure with the adjustable strap.

Once stable the ladder is fit to climb and ClipStile then prevents accidental movement or overreaching when in position. If the ladder is not stable enough for ClipStile we would suggest it is not fit to climb.

We have not tested ClipStile on telescopic ladders so currently do not recommend it for that use.

We do not recommend repositioning ClipStile when on the ladder – just adjust the extension from the floor or reposition ClipStile.

Why is there a lifting bag and hauling system?

We incorporated the lifting bag and line to prevent users climbing with equipment.

They can either raise the bag into position before they climb up or once they are secure having arrived, the bag can be raised and locked off. This way they can concentrate on their safety until secure and then they can concentrate on their work.

The lifting bag and line have been designed and tested in line with the machinery directive and relevant standards.

How was ClipStile tested?

We tested the system in two ways.

First we tested the ClipStile lanyard on a vertical solid steel ladder – the most aggressive ladder we could find.

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We applied the largest drop we could by raising the attachment and mass to a level not possible in use.

We then maximised the forces from that drop by use of a solid mass with the rungs blanked out to prevent snagging.

The second test was a repeat, but we were more interested in the effect on the ladder.

The first tests were the most severe on our product and we put it through the worst case scenarios.

The second tests replicated this to see how ladders performed with the system.

Industry Engagement

We have demonstrated and discussed our product with the Ladder Association.

Rather than looking to extend what is done from ladders we are keen to provide people with protection for those small tasks that we know are done regularly.

Currently workers carry out small duration tasks unprotected. We believe that climbing a stable ladder is safer without the encumbrance of carrying equipment – hence the lifting kit.

Working on short duration tasks with ClipStile is safer as it prevents overreaching and keeps the user on the ladder.

Rescue Planning

In terms of Rescue planning the use of ClipStile removes many of the risks of accidents on ladders.

The risk of falling during a climb is reduced by the removal of the necessity to carry tools and equipment. You climb with 3 points of contact and no distractions.

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The risk of a stable ladder secured with the strap toppling is negated as ClipStile prevents the user overreaching.

The remaining scenario for rescue is a user who becomes incapacitated while working.

Previously they would have fallen off the ladder, but now they are securely attached, they simply need retrieving.

We have a selection of retrieval methods suitable for different situations.

What if I need to know more?

If you have any specific questions that have not been answered you should contact the SpanSet Customer Support department.

Tel: 01606 737494 email - customersupport@spanset.co.uk.



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