

Choosing the Safest Access Equipment for Your Workplace

MADE IN BRITAIN

A Guide for Health & Safety Managers

As the UK's No.1 manufacturer of ladders and access equipment, Lyte understands what Health & Safety Managers need: compliance, reliability, and tailored solutions. Whether you're enforcing working at height regulations or looking to minimise risk on-site, our UK-made products offer industry-leading features that make safer working simple.

Extension Ladders

Extension ladders are a common tool in many industries, but they come with greater risk if misused. The ladder's rung shape, height in use, stabilisation system, and ease of manual handling are all essential factors.

Rungs



When working at height for more than a few minutes, the right rung design matters:

 **Square rungs** are for brief climbs or 2-minute standing at most. They aren't suitable for professional use

 **D-shaped rungs** are **best** for secure footing during longer tasks, plus reduce foot fatigue and slippage

 **Round rungs** are suitable for roof ladders, to adapt to the different angles of roofs

 Lyte's rungs are made from **Green Aluminium**, reducing carbon emissions

Ladder Size



It's not just about reaching the height, it's about storing, transporting, and using the ladder safely on site:

 Doubles are lighter to carry for manual handling

 Triples reach a greater height, but can close smaller to transport

 British Gas and Sky use our compact roof and extension ladders inside their new EV's improving EV efficiency.

Safe Systems of Work



The right access equipment should support your safety procedures with features that reduce risk:

 Stabiliser bars should be used to comply with EN131, but if space doesn't allow, ensure RAMS in place

 Triples are heavier, so use wall running wheels and a pulley mechanism to reduce the strain



Step Ladders

Before selecting a step ladder, it's vital to assess the task duration, space constraints, and potential hazards. The platform size, working height, user stability, and material type (especially when working near electricity) can make a significant difference to risk and efficiency.

Swingback

- Ideal for general trade or industrial tasks
- Compact and lightweight
- Fold easily for frequent movement between tasks
- 120° access
- Lower working heights



Platform

- For jobs requiring prolonged periods of standing
- Stable platform to work from
- 120° access
- Greater working height at platform level



Widestep

- Large platform for a spacious working area
- Extra-wide treads for better footing
- 360° access with safety bar
- Wheels for easy transport



Working Space

The size and shape of the platform impacts how safely and efficiently a task can be completed.

- ✓ Swingback – Limited space, ideal for quick jobs
- ✓ Platform – More room for footing, perfect for longer tasks
- ✓ Widestep – Largest platform for full 360° access



Ladder Material

The material you choose impacts weight, durability, and suitability for electrical or industrial work.

- ⚡ Aluminium – Lightweight, tough, & fully recyclable
- ⚡ Glassfibre – Non-conductive, so should be used for electrical tasks
- ✓ Check Glassfibre safety certificates - not all are tested for conductivity!



Sustainability

From materials to repairability, Lyte designs products that support long-term sustainability goals.

- ✂ Bolted steps for easy repair
- ♻ Green Aluminium treads made from recycled material
- 🌱 Made in the UK = lower carbon footprint

Bespoke Access Solutions

When a standard ladder or podium doesn't safely meet the task, a bespoke solution may be the safest and most compliant approach. Health & Safety Managers should avoid accepting off-the-shelf compromise or relying on unverified adaptations. Instead, working with a trusted UK manufacturer like Lyte ensures equipment is designed, built, and rigorously tested to meet the unique access needs of your environment.

Many bespoke access solutions fall outside of existing EN standards, which is why **Lyte's in-house testing** facility is vital for verifying safety, stability, and durability.

Health & Safety Managers should ensure:

- ✓ Unique access challenges are addressed with task-specific design
- ✓ Custom equipment is tested in-house to industry-aligned safety benchmarks
- ✓ RAMS are supported by tested, evidence-backed equipment



From ladders and platforms to podiums and towers, our team of experts works with you to develop access solutions specifically for your working environment. Whether it's confined spaces, challenging heights, or unique operational requirements, we offer innovative, tailor-made solutions to solve your working at height challenges.

All our bespoke access products are designed and manufactured in our UK factory, ensuring a quick turnaround and reliable delivery times. Our local manufacturing means that we can respond faster to your needs than imported products, and we maintain strict quality control throughout the production process.

How We Work



Consultation & Design

Our process starts with a consultation, where we collaborate with you to understand your specific requirements. We then create a bespoke design, ensuring your access equipment is perfectly suited to your working environment.



UK Manufacturing

Once the design is finalised, your bespoke solution is manufactured in our UK facility. Our team of experienced engineers uses premium materials to ensure the highest standards of quality and durability.



Delivery & Aftercare

After manufacturing, your bespoke access solution is delivered to your site, ready for use. We also offer inspection, repair, and maintenance services to keep your equipment in top condition throughout its lifecycle.



Safety & Compliance

Lyte Ladders & Towers is proud to be recognised as a leading authority in ladder and access safety. We sit on the technical committees of both the **Ladder Association** and **PASMA**, helping to shape industry standards and best practice for working at height. Our commitment to quality and compliance is underpinned by **BSI** certification, and every product is designed and tested to meet or exceed the latest safety regulations.

EN131 Ladder Standard

EN131 Professional is the recognised safety standard for trade and industrial ladders, ensuring:

- Strength & stability for frequent professional use.
- Weight ratings suitable for high-usage workplaces.
- Rigorous testing to prevent ladder failures.

PASMA & Scaffold Tower Compliance

For mobile scaffold towers, PASMA-certified products ensure:

- Proper guardrails & toe boards to prevent falls.
- Secure bracing for stability on-site.
- A structured inspection & maintenance routine.

Make Safety a Priority Today

For Health & Safety Managers, ensuring that your workforce has safe, compliant, and durable access equipment is non-negotiable. With Lyte Ladders & Towers, you get a trusted partner for compliance & safety expertise:

- ✓ UK-Made, EN131-Certified Ladders – For maximum safety and compliance.
- ✓ Fully PASMA-Compliant Scaffold Towers – Safe for high-reach work.
- ✓ Bespoke Access Solutions – Custom safety solutions for every industry.
- ✓ Sustainable & Repairable Products – Supporting Net Zero & ESG commitments.

Are you ready to improve your workplace safety? Contact Lyte Ladders today!

The Ultimate Guide to
Choosing Safe and
Reliable Ladders for Trade
Professionals



Why Roof Ladders are
Essential for Roofing
Work



Understanding UK
Ladder Standards



Testing & Inspections at
Lyte Ladders & Towers

