

A large concrete bridge with a worker on a suspended access platform. The bridge has multiple lanes and is supported by several tall concrete pillars. A worker in a red shirt is visible on a platform suspended from the bridge's underside. The background shows a clear blue sky and some greenery at the bottom.

## Engineered Access Solutions

Concept • Design  
Solution • Build

# ALPS

ACCESS • LIFTING • PULLING • SAFETY  
A DENHOLM COMPANY

Your Trusted Access Partner



## Access that facilitates your programme of works.

Working with principal contractors, ALPS provides access to bridges, buildings and structures when conventional forms of access – such as scaffolding, Mechanical Elevating Work Platforms (MEWP) Mast Climbing Work Platforms (MCWP) or cranes - are not practical or feasible.

Drawing on decades of experience, ALPS works with our customers to establish the safest, most efficient and cost-effective access solution. Using standard and engineered access and lifting systems - installed and managed by trained and competent rope access specialists - some of the most challenging access projects are safely and efficiently overcome.

When conventional access support is also required, ALPS works together with Denholm Industrial Services' conventional scaffolding operation, providing a truly complete access service.

## Safety first. Always.

Safety is ALWAYS our number one priority, without exception. Typically, our customers' projects are challenging environments. That is why, starting at the design stage and throughout operations, all ALPS projects are engineered around safety - of everyone working on site and members of the public who may be close by.

We look forward to working with you.

## ALPS – your trusted access partner



Based on the physical structure and operating environment, ALPS provides both standard access solutions and engineered access designs. On larger projects with multiple workstreams, both methods are often applied.

Our access solutions then enable remedial and preventative works to be carried out, either by nominated subcontractors or, depending on the scope of works required, by ALPS rope access technicians. This can be a particularly efficient solution for straightforward maintenance, repairs, inspections and preparative works.

Structures	Type of work
Bridges	Working at Height rescue
Highway infrastructure	Inspection
Rail infrastructure	Fabric maintenance and refurbishment
Stadiums and event spaces	Electrical works
Facades and atriums	Construction
High rise buildings	Rigging and lifting
Piers and jetties	Netting
Offshore, onshore and nearshore structures	Industrial rope access
Energy and process plants	Confined space operatives
Tensile structures	





# Rope Access

Industrial rope access techniques have been honed to become one of the quickest, safest and most effective methods of gaining rapid access to a structure, including confined spaces.



When choosing the most effective means of access for a specific application, rope access can often provide the quickest, most efficient - and is sometimes the only logical - solution.

ALPS is an IRATA company who supplies IRATA qualified rope access technicians to carry out temporary platform installations on bridges, jetties, towers and other difficult-to-access structures, providing safe working platforms for all trades to use.

Utilising the guidance of our rope access supervisors on an access or lifting project enhances safety during installation and use of the equipment. Our technicians can also perform specific tasks in-situ directly via rope access.

## Confined Space Access

Rope access can often also be the most practical solution when access to a confined space is required. Strictly adhering to HSE Safe Work in Confined Space guidelines, ALPS' rope access technicians provide all risk assessments and make emergency arrangements prior to access and monitor gas and vapour levels while work is being carried out.





## Special Lifting

ALPS special lifting solutions are applied to lower and raise permanent under deck bridge gantries, as well as the lifting of construction materials when cranes are not viable.



Permanent under deck bridge maintenance gantries themselves need to be regularly maintained and occasionally refurbished, to ensure continued safety when the gantries are in use during below deck bridge inspections, maintenance, refurbishments and repairs.

Guided by our IRATA qualified abseilers and detailed methodology, our special lifting platforms lower permanent gantries to the ground. Once the gantry work has been completed, our rope technicians safely manage the lift of these heavy structures back into the underside of the bridge.

ALPS special lifting solutions are also regularly deployed in construction and building refurbishment work, such as the installation of new windows and frames in high rise buildings, when the use of cranes is not feasible.

ALPS strictly follows LOLER guidelines (Lifting Operations and Lifting Equipment Regulations 1998) and is accredited to the Lifting Equipment Engineers Association (LEEA).



## Plant Hire

ALPS hires Tirak™ and Tirfor® equipment for lifting, lowering and pulling requirements and can advise on the lifting capacity specification.

ALPS provides Tirak™ and Tirfor® lifting and lowering equipment for hire. This is a convenient service for elevator and escalator service providers, as well as specialist sub-contractors.

ALPS rigorously adheres to Lifting Operations and Lifting Equipment Regulations 1998, usually referred to as LOLER. This gives our customers confidence that the lifting equipment they hire from ALPS is fit for purpose, appropriate to the task, suitably marked and, where required, subject to thorough and statutory examination.

ALPS also advises customers on lifting specifications, ensuring that the hired equipment is of adequate strength and stability for the specified task.

ALPS is an authorised UK agent for Tractel®, a world leading safety specialist in reliable, innovative and cost-effective working-at-height equipment.







## Standard Cradles

When other means of access are impractical or cost-prohibitive, ALPS can supply, install and operate standard facade cradles to enable construction and maintenance work to be carried out.

Standard facade cradles provide access when other access means are impractical or cost-prohibitive.

Lightweight and modular standard facade cradles are powered vertically by on-board winches and are supported by secondary back-up devices, providing a fully compliant working platform for a range of trade tasks to be undertaken. ALPS supplies cradles of up to 18 metres in length, which can be configured into double or triple decks, providing a variety of options to suit the work being carried out.

Once mobilised, our experienced rope access rigging team will install, test and commission the entire system, before providing robust client operator training and documented handover. ALPS operatives can also assist with many high-level tasks.



ALPS is a member of SAEMA, the Specialist Access Engineering and Maintenance Association. We provide SAEMA-approved training courses to engage, educate and assess anyone tasked with working at height.





## Large Platforms

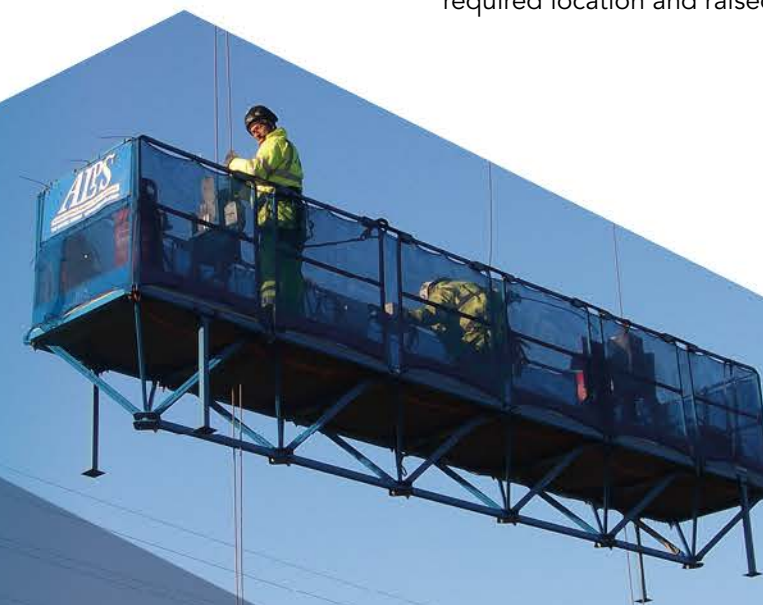
ALPS aluminium space frame (ASF) and steel truss frame (STF) platforms are designed for maximum productivity and safety during the maintenance schedules that preserve the integrity of large structures.

Large mobile rigid deck platforms are efficient and eliminate the need for handling high volumes of components in the air. Large areas can be accessed using a relatively low volume of equipment and labour – ALPS lifts the floor up to your working area!

Many maintenance and repair tasks are carried out quickly and effectively using ALPS mobile-bespoke access platforms. These modular platforms are constructed onsite using alloy space frame or steel truss frame components.

All components can be manually handled. A small team of installers can quickly assemble and install a platform with minimum disruption to the site.

Utilising pontoons and barges, large platforms can be floated on water to be easily transported to the required location and raised into position.







## Your Trusted Partners

The combined skills, experience and expertise of ALPS and Denholm Industrial Services provide principal contractors with reliable, cost effective access solutions, surface preparation and coatings services. Our solutions can be delivered as a single service or a programme of multiple services.

- |                           |  |
|---------------------------|--|
| ■ Scaffolding             | ■ In house access design and engineering |
| ■ Rope access             | ■ Surface preparation                    |
| ■ Cradles                 | ■ Coatings                               |
| ■ Modular platform access |  |



ALPS is a brand of Denholm Industrial Services. Working in challenging environments, Denholm Industrial Services provides scaffolding, rope access, cradles, modular platform access, in house design and engineering, surface preparation and coatings services.

Combined with ALPS' competences in unconventional access, together ALPS and Denholm Industrial Services offer single and multi-service packages of works to principal contractors that are delivered competitively to stringent levels of safety, quality and programme reliability.

Working together or independently to suit clients' specific project requirements, ALPS and Denholm Industrial Services support the complex engineering of critical infrastructure. We understand the importance of being a trusted partner.

### It started in 1866...

Denholm Industrial Services is a subsidiary company of fifth generation diversified family business, the Denholm Group, whose history began in 1866.

J. & J. Denholm was formed by two brothers, James and John Denholm, and today, is owned by the descendants of founding brother John. The Group directly employs over 1,600 people, who work to the principles of the 'Denholm Standard'.

The Denholm Standard is based on strong family values:

- |                     |            |
|---------------------|------------|
| ■ Upholding the law | ■ Fairness |
| ■ Integrity         | ■ Respect  |





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