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Connect Scaffolding provides high quality scaffolds, access and hoist solutions across the South East. Exceptional customer service, value and safety underpin all that we do.

- **Contract Scaffolding**
  From multi-storey structures to the front of your house, we cover all your access requirements.

- **Tube and Fitting or System**
  We provide a comprehensive service that will fit your budget and timeline.

- **Hoist and Transport Platforms**
  Whatever you need to lift, we stock a wide range of equipment from a rope and wheel to a 2-tonne goods hoist and everything in between. Please call us to discuss your requirements.

- **Scaffold Design**
  A key part of the Connect Scaffolding service is our design and engineering capability. We offer a full design service, with on site surveys and conceptual designs through to detailed design drawings backed up by calculations.

- **Scaffold Inspections**
  Scaffolds require regular inspection to check they are safe to use. We have experienced people who have been trained in advanced scaffold inspection. They can carry out your scaffold inspections in order that you can comply with regulations and make sure that your people working on or around the scaffolds are safe.

- **Hire and Sales**
  When you are looking to purchase scaffolding and/or scaffolding related materials, the right materials at the right quantities are essential. We can help...
**Contract Scaffolding**

The Contracting Division at Connect Scaffolding offer a comprehensive supply, installation and dismantling service across all industry sectors. We have specialist teams that cover all scaffolding applications.

**We have experience in:**
- Concrete Frame
- Timber Frame
- Steel Frame
- Traditional New Build Construction
- Industrial
- Domestic
- Temporary Roofs
- Confined Spaces
- London Underground
- Restoration
- Airports

Connect Scaffolding has been a NASC (National Access & Scaffolding Confederation) member since 2003. The NASC is recognised as the national trade body for access and scaffolding in the UK.

Members are regulated and must meet the NASC objectives of maintaining and developing best practice throughout the scaffolding industry. Membership is strict and reinforced with an initial and then subsequent audits every 2 years to ensure compliance.

The NASC works closely with contractors and key industry bodies such as the MCG (Major Contractors Group), HSE (Health and Safety Executive), ConstructionSkills and BSI (British Standards Institute) to ensure best practice and develop innovation throughout the construction and building industry.

A number of contractors already recognise the advantages of using NASC regulated members and are excluding non-regulated companies from working on their sites.

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Case Studies

1. **Tapered church spire access presents no problems for Connect Scaffolding using Layher’s Allround® system**

The project provided multi-level access primarily to allow stonemasons from Lodge and Sons to work on the spire structure. Rising to an overall height of 45 metres, 2 metre fully decked lifts on all four sides of the structure created clear working platforms – a direct benefit of the Allround design which does not require cross-bracing. We also installed a Layher stairtower to provide simple, safe access from ground level for the workforce with a mini-hoist for lifting materials.

Three sides of the scaffold were founded from the ground, but the fourth side was required to bridge the nave roof without any load bearing down on it. Layher’s technical department designed a bridging structure at two levels using two rows of twin 700 mm deep aluminium beams to ensure that there was no contact with the fabric of the roof itself. Repairs, to both the Victorian ironwork and higher level masonry, were conducted safely and effectively.

2. **Connect Scaffolding provides the access for Telford Homes Plc to construct the tallest modern timber residential building in the world!**

Stadthaus on Murray Grove, N1 was designed by architects Waugh Thistleton and comprises nine storeys of flats. The solid cross-laminated timber system pioneered by Austrian manufacturers KLH, arrived from Austria in panels up to nine metres long. The panels were lifted directly from the lorry into position by mobile crane.

Due to its speed of construction, Connect Scaffolding used Layher Allround scaffold to the external facade. The scaffold was erected in 2.0m lifts. The programme was very tight, as continuity had to be maintained for the Austrian installation team.

Due to the restricted site location Connect installed two hoists. A Geda 500ZZP hoist to serve all the external scaffold lifts was used initially to help with the scaffold erection and then for installing the Marley Eternit lightweight fibre cement cladding. A second hoist, a Geda 1500ZZP, was installed to access the 8 floor levels. This hoist can carry 1500kg of materials or up to 7 people.

The building was constructed in nine weeks.

3. **Connect Scaffolding provide safe solution to prevent falls from height for Taylor Wimpey**

Connect Scaffolding provided access solutions for Taylor Wimpey for the construction of new homes in North London. The problem to overcome was how to prevent falls from height for the various trades involved in the construction of traditional housing at a budget beating price.

The solution Connect came up with was to use tube and fitting scaffolding to the perimeter of the builds, erected progressively with the brickwork, and to use Layher Allround to provide fully decked birdcage scaffolds to the internals of the dwellings. The birdcage was multi-use. Firstly it provided fall protection for the bricklayers working externally. It was then used as a working platform by the bricklayers for constructing the blockwork partition walls and, finally, the carpenters were able to work safely to install the floor joists and roof trusses.

This method meant there was no need for trestles, internal handrails, internal scaffolds to party walls, or the installation of safety deck, air bags and soft landing bags. These savings more than offset the cost of the birdcage and provided a much safer, more time efficient method of working.

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System Scaffold: Layher Allround®

Connect Scaffolding use Layher’s Allround System Scaffold.

We chose Layher because of their extensive range of scaffolding, access and weather protection systems and their comprehensive design and training support.

Layher have been manufacturing scaffolding from their base in Germany for over 60 years.

The Layher Allround Scaffolding reduces assembly times and labour costs and increases safety.

The building industry is presenting increasing demands for load-bearing capacity and assembly variability in scaffolding. This is where Allround Scaffolding is now setting new standards, with selectable bay widths, storey heights and live loads of up to 6 kN/m². The high degree of variability and rigidity of Allround Scaffolding means that a wide variety of applications can be catered for.

The use of stringers and guardrails allows the construction of stairways towers on sites as well as stairways for public access areas. Rolling towers can be built in all sizes and heights. Allround Scaffolding, in conjunction with the Protect System, allows weatherproof coverings to be provided, including complete facades for the purpose of asbestos removal.

With Layher you get a commitment to product versatility, inherent safety and innovation.

More possibilities.
The Scaffoldin System.

• Stairtowers
• Loading Towers
• Temporary Roof systems
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System Scaffold: Van Thiel

Ideal for Timber, Concrete or Steel Frame construction. The scaffold is erected in 2.0m fully boarded lifts. The Thiel-lock transom unit creates a rigid connection meaning that there is no need to ledger brace so a clear walkthrough can be maintained. The extendable transom unit can be extended to support up to 3 inside boards to minimise the gap between the scaffold and the frame. Once the internal wall is formed one of the boards is removed and the extender simply pushed back to allow for the construction of the external façade.

Features of Thiel-Lock transom

- No need for ledger bracing because of exceptionally rigid corner joint (proven by calculation)
- Safer as it reduces the number of loose fittings in the scaffold
- Suitable for every form of building and height
- Guarantees a stable scaffold
- The transom unit sets the standards @ 1255 mm c/c and connects the horizontal ledgers on the lift with each other creating a rigid 5 board wide platform
- Transom + extender is provided with a pull-out that enables the placing of up to 3 scaffold boards between the inside standard and the building
- Ideal for timber frame and concrete frame applications where clear access along the working lift is required. The inside board can be easily removed to allow for external finishes

Technical data
Thiel-Lock transom P1650

M = 1230
M = 1230 Nm
F = 8000 N
Load

Brickwork scaffolds 200 kg/m² in accordance with class 3

Maximum permitted load (class 3), on this surface:
2,0x1,125x200 kg/m²
= 450 kg

1 = 140 bricks (x 1.5 kg)
2 = Mortar tub, 145 kg (60 ltr x 2.4 kg)
3 = Bricklayer, 90 kg

Example of floor load scaffold class 3

50% workload

140 bricks, 210 kg

100% workload

Bricklayer, 90 kg

Mortar tub, 145 kg
140 bricks, 210 kg

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Access Towers

Connect Scaffolding is a member of PASMA (the Prefabricated Aluminium Scaffolding Manufacturers’ Association), the leading authority on mobile towers in the UK.

We can supply a wide range of towers for hire or sale. We have a team of PASMA trained erectors who can deliver and install the towers for you.

**BOSS LADDERSPAN**

The original premium lightweight industrial aluminium modular access tower system.

BoSS mobile aluminium towers are light-weight scaffold towers used throughout the building and construction industry for both indoor and outdoor access solutions where a stable and secure platform is required. Ideal for maintenance and installation work or short-term access, the highly versatile towers provide a strong working platform for a variety of heights.

The BoSS Ladderspan aluminium system has been tested and certified to EN 1004:2004 Class 3.

- Two widths – 850mm Single Width and 1450mm Double Width
- Deck lengths 2.5m with self closing trapdoors
- Maximum platform safe working load is 275kg
- Integral ladders with 250mm easy climb rung spacing

**BOSS ZONE 1**

The world’s premier Glass Reinforced Polymer - GRP (Fibreglass) industrial modular access tower system. BoSS mobile GRP (fibreglass) towers are light-weight scaffold towers for use in Zone 1 applications where aluminium or steel systems are either unsafe or unsuitable.

- Non conductive
- Non sparking
- Non corroding
- Non oxidising
BOSS STAIRMAX
The safest portable access solution for domestic and commercial staircases.

- 600mm width can be built up to a height of 2.2m
- Platform safe working load of 150kg
- 1.3m slip resistant deck with self closing trapdoor

BOSS MINIMAX
Heavy duty trade platform and tower system, certified to EN 1004.

- Lightweight
- Indoor and outdoor use
- Fits through standard doorways and down corridors
- Versatile 260mm stepped height platform adjustment
- The maximum platform safe working load is 200kg

SHERPASCOPIC Adjustable Work Platform
- 4 to 6-tread adjustable-height enclosed Work Platform can be used on steps and stairs.
- Toeboards and knee rails fitted, with outriggers
- Folds down for ease of transportation and storage.
- Max. Static Vertical Load 150kg
- Complies with Work at Height Regulations 2005
- Certified to BS EN 131

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Events

Connect Scaffolding can provide a design and install solution for any event, including stages, ramps and staircases.

Connect Scaffolding use Layher the leading system scaffold supplier, scaffold components are German manufactured, hot dipped galvanised and verified for heavy duty loading.
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Hoists and Transport Platforms

Whatever you need to lift, we stock a wide range of equipment and hoist solutions from a rope and wheel to a 2000kg goods hoist and everything in between. Please call us on 01279 757 113 to discuss your requirements.

Lodestar Electric Chain Hoist and Trolleys

The balanced, integrated, proven design of the Lodestar has made it the most popular electric chain hoist in the industry

- Lifting Capacity 1000kg
- Power supply 230V single phase
- Lifting Speed 4m/min
- Lifting Height 12m

Scaffold Hoist Imer TR225

- Lifting Capacity 200kg
- Power supply 110v single phase
- Lifting Speed 19m/min
- Lifting Height 30m

EXTENDABLE BRACKET

The TR225 hoist is equipped with an extendable bracket which is adjustable in length to a maximum of 1120mm. With the bracket fully extended the maximum load of 200Kg is maintained which assists in the handling of bulky loads.
Platform Hoists

**GEDA 300Z**

The safety features of a rack and pinion hoist, but lightweight and with a small footprint meaning the hoist can be installed in restricted locations.

- Lifting Capacity 300kg
- Power Supply 230V / 1 x 16A
- Lifting Speed 20m/min
- Load Platform 1.4m x 0.75m
- Lifting Height 50m

**GEDA 500ZZP**

Two units in one: a building hoist with a load bearing capacity of up to 850kg or a transport platform for a maximum of 5 people.

- Lifting Capacity 850kg or 5 people + 500kg
- Power Supply 400V / 3 x 16A
- Lifting Speed 12/24m/min
- Load Platform 1.6m x 1.3m
- Lifting Height 100m

**GEDA 1500Z/ZP (pictured)**

The transport platform GEDA 1500 Z/ZP unites two different machines in one: a hoist for materials with a load bearing capacity of 2000kg and a transport platform for people and goods.

In contrast to ordinary material hoists, for which the transport of people is strictly prohibited, the GEDA 1500 Z/ZP may transport 7 people in addition to 800kg of goods as soon as it has been switched to the operating mode “transport platform”.

The load platforms provide enough space for bulky and heavy building materials.

- Lifting Capacity 2000kg or 7 people + 800kg
- Power Supply 400V / 3 x 32A
- Lifting Speed 12/24m/min
- Load Platform 3.3m x 1.6m / 4.35m x 1.6m
- Lifting Height 100m

<table>
<thead>
<tr>
<th>Type</th>
<th>Max Lifting Capacity</th>
<th>Power Supply</th>
<th>Lifting Speed</th>
<th>Platform Size</th>
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<tr>
<td>Imer 225 Scaffold Hoist</td>
<td>200kg</td>
<td>110V</td>
<td>19m/min</td>
<td>n/a</td>
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<tr>
<td>Lodestar Chain Hoist</td>
<td>1000kg</td>
<td>230V</td>
<td>4m/min</td>
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<td>Gantry Hoist</td>
<td>1000kg</td>
<td>400V</td>
<td>19m/min</td>
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<td>Geda 300Z Platform Hoist</td>
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<td>230V</td>
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<td>1.40m x 0.75m</td>
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<td>Geda 500Z Platform Hoist</td>
<td>850kg</td>
<td>400V</td>
<td>12/24m/min</td>
<td>1.6m x 1.3m</td>
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<td>Geda 1500ZZP Transport Platform</td>
<td>2000kg</td>
<td>400V</td>
<td>12/24m/min</td>
<td>4.3m x 1.65m</td>
</tr>
</tbody>
</table>

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Connect’s Team

We believe in developing the potential of our people through training and are committed to ensuring that our scaffolders are among the best in the industry.

All trainees and scaffolders are registered with the Construction Industry Scaffolders Record Scheme (CISRS).

All our staff, whether they work in the yard, the office or on site, are well-organised, responsible and knowledgeable about their jobs. Because we value the contribution of our staff to our success, we are an Investor in People company.