



TEAM.
WORK.
PASSION.

Layher 

More Possibilities. The Scaffolding System.



TEAM

Together we are strong.
As a team we overcome challenges.
With our customers. For our customers.
Partnerships built on reliability and respect.

WORK

Finding solutions.
Delivering exceptional performance.
On site. For the project.
Innovative, safer and successful.

PASSION

It is all about scaffolding.
We always give our best.
Day in, day out. Come rain or shine.
With passion, commitment
and dedication.



The Layher brand has been synonymous with safety, high-quality scaffolding systems, outstanding services and dependable partnerships for more than seventy-five years. To make scaffolding ever-more cost-effective, we continue to seek new and enhanced solutions. This brochure explains just what makes us a driver of innovation across our entire industry – and how we live up to our brand promise for customers all over the world: more possibilities.

OUR HERITAGE

Everyone and everything has a home. Even scaffolding.



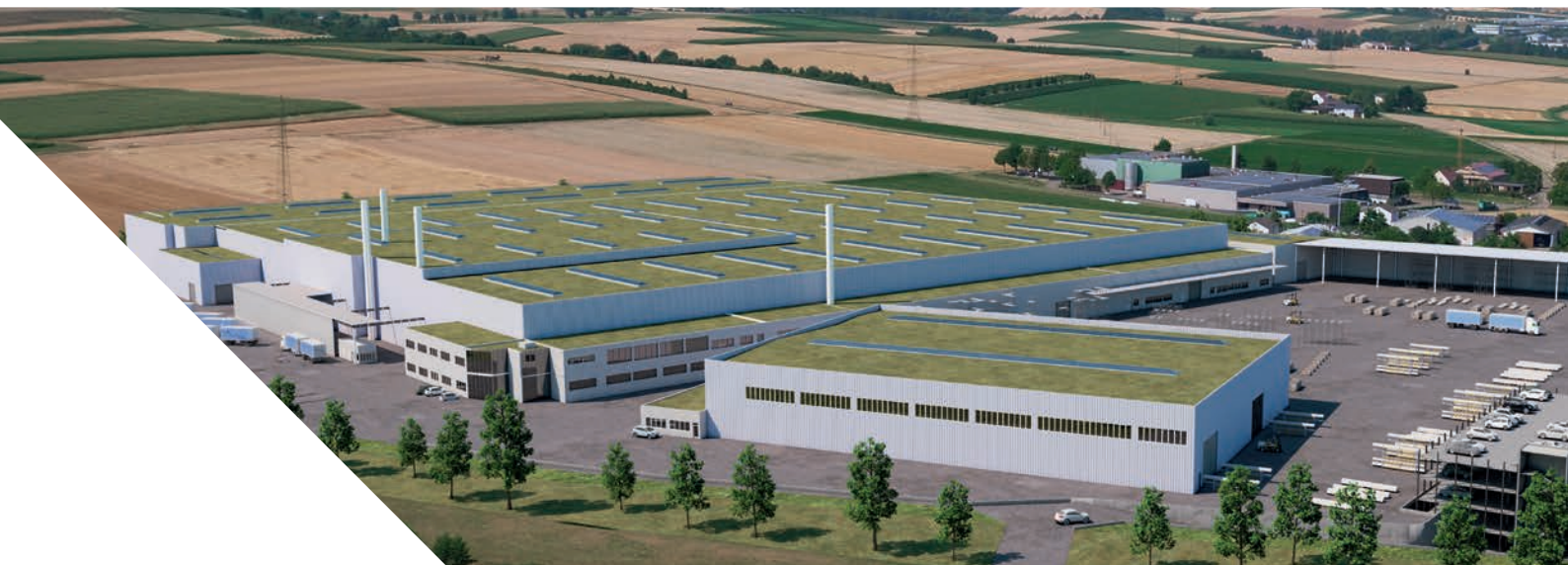
Layher, the world's leading producer of scaffolding systems, is a family-owned company with its roots – and its future – firmly in Gueglingen-Eibensbach.

Layher has its roots in a small town in south-west Germany. We are able to deliver made-in-Germany quality by remaining true to our origins – and by keeping development, production, sales, distribution and management in one place, where they have always been: in Gueglingen-Eibensbach.

Our headquarters in Eibensbach offers a total of 250,000 m² of space, including 110,000 m² covered production and storage. The proximity to development, logistics and administrative functions generates synergies that benefit our customers across the globe: seamless information exchange, rapid decision-making, exceptional manufacturing quality and effective production control. Not least, production volume can be scaled in response to changing market needs and new customer requirements.



Our second manufacturing plant is just a stone's throw from the original location in Eibensbach. The Gueglingen facility has a total area of 68,000 m², with 38,000 m² of covered production and storage space. All our aluminium and wooden components are manufactured here.



Your future is what you make of it – which is why we are establishing a third plant. When completed, it will have a total area of 120,000 m², with covered production and storage across 62,000 m². It includes our third galvanizing shop (with annual capacity of 120,000 tonnes), a new, state-of-the-art steel manufacturing facility for our Allround product range, and an integrated logistics centre.

THE HUMAN FACTOR

We take your success personally.



A business is only as good as its people, which puts Layher at a distinct advantage. Because our success stands on the shoulders of 1,900 reliable, dedicated employees who share our profound belief in quality and customer centricity. Their skills and hard work are the basis for close, long-term partnerships with customers around the world. And every day, they make a tangible difference, in development, production, sales, distribution and administration. Our people, products and services are what create more possibilities – for you.

People who love to be part of a team, who give their all, and who share a certain obsession with all things scaffolding feel at home at Layher – and everyone can develop their abilities within a company that is dynamic, open, and committed to fair play.

Scaffolding is part of our DNA. It is more than just our business. It is our passion. Our people will support you whenever and however you need us.



Together, we're
on the way up.

BRIDGE REPAIR WORK
IN SWITZERLAND





OUR BRAND PROMISE: MORE POSSIBILITIES

- ▶ More speed
- ▶ More safety
- ▶ More proximity
- ▶ More simplicity
- ▶ More future

Why choose Layher?

The Layher brand promise is the modern expression of a traditional dedication to customer service and innovation that has been practiced day in, day out, for generations. And we remain committed to making scaffolding simpler, faster and, above all, safer, by creating ever-better products. Our customers' success, business sustainability and the conservation of natural resources are central to our business philosophy.

Our Layher "more possibilities" mission increases our customers' long-term competitiveness. And it is embedded in a collaboration model that has trust at its heart and success as its outcome – a model that guarantees that we are not in competition with our customers. Instead, they can be sure of a truly proactive partnership.

Layher also offers clear business benefits: our scaffolding systems are fully compatible, there are very few individual components, and they are available for purchase for decades to come. Plus, when bidding for new projects, our customers can count on the prestige of our brand – a brand that sets recognised standards around the globe.



The Layher difference.

- ▶ **More possibilities.**
We strengthen our customers' competitiveness.
- ▶ **Close to our customers.**
End-to-end support and a global presence.
- ▶ **Products and solutions.**
Safer, fast and cost-effective.
- ▶ **Versatility and flexibility.**
The right answer to every challenge.



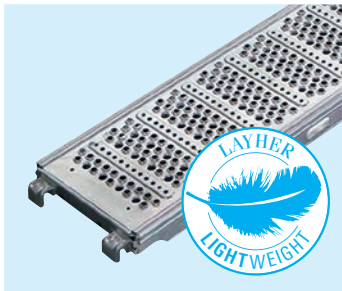
- ▶ **Sustainable growth.** Through systematic innovation and maximising new opportunities.
- ▶ **Made in Germany.** Outstanding product quality and availability. Guaranteed.
- ▶ **Safety.** Thanks to highly automated production and robust quality management.
- ▶ **Digital expertise.** Software solutions for today and tomorrow.

- ▶ **Long-lasting investment.** Integrated System and materials of excellent quality and durability.
- ▶ **A proven collaboration model.** We make scaffolding, but we do not assemble it.
- ▶ **Trust and dependability.** A family-owned business with over 75 years' experience in scaffolding.



INNOVATION AND DEVELOPMENT

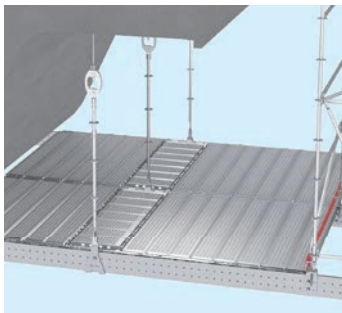
Ideas that carry weight.



Making the good even better: the Lightweight steel deck is up to 2.2 kg or 10% lighter than the established market equivalent, but possesses the same high load-bearing capacity.



One for all: the pull-resistant and integrally cast spigot allows the use of a single standard in place of two. The LW Allround standard is suitable for both supported and suspended scaffolding. This increases cost-efficiency and prevents improper use.

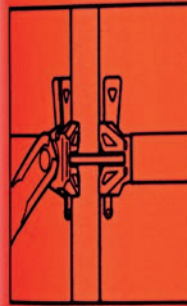


Compared with a 450 steel lattice beam, FlexBeam offers 40% greater bending load capacity, allowing larger support and suspended configurations.

Layher®



Layher AllroundGerüst® Layher Allround® Scaffolding



Wilhelm Layher GmbH & Co KG
www.layher.com | Made in Germany

LIGHTWEIGHT



LIGHTWEIGHT

Lightweight components can be identified by the bright-red sticker, featuring the Lightweight feather graphic, plus a black bar at the top bearing the Layher name.



Our overriding priority is our customers' lasting success. That is why we continue to improve and refine our scaffolding systems.



Innovation is what enables Layher to promise its customers more possibilities – and to deliver on that promise. For more than 75 years, we have been a pioneer in the scaffolding industry, generating new ideas while protecting customers' investment. Layher scaffolding systems are durable, compliant with all applicable standards, and fully mutually compatible across multiple product generations. The focus of our development effort is always the people who use our products on a day-to-day basis in the tough world of construction. Our goal is to help them achieve greater efficiency and safety, and to make their working lives easier.

A prime example of this philosophy is Layher Lightweight. Through the use of high-tensile steel, a new production process, and an improved design, we have succeeded in minimising the weight of the core components of our SpeedScaf and Allround systems – while maintaining or raising load-bearing capacity. Layher Lightweight enables our customers to accelerate erection and dismantling speed by up to 10%, and to cut shipment costs by up to 12%. As some 80% of the cost of providing scaffolding is attributable to erection, dismantling, and transport, that is a significant step forward.





INNOVATION AND DEVELOPMENT

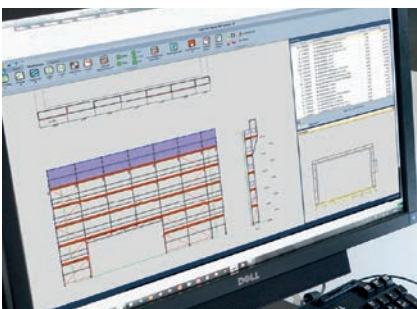
Programmed for efficiency.

The future of scaffolding is digital, and it goes by the name of Layher SIM®: a planning process based on 3D digital modeling that Layher developed in line with the specific necessities of the scaffolding industry.

Digital transformation in the scaffolding industry offers enormous potential for streamlining project management and delivering cost savings. With this in mind, we considered how we could apply the principles of building information modeling (BIM) to the temporary structures created with our products. The efficiency-boosting result is Layher SIM® **Scaffolding Information Modeling**, a process based on 3D digital models. It is a solution that our specialists have tailored to the very specific needs of scaffolding. SIM makes it possible to plan, erect and manage temporary structures with far greater efficiency – and also allows data exchange with BIM systems. The integrated Layher LayPLAN SUITE provides our customers with a powerful range of tools for the SIM process:

- ▶ LayPLAN CLASSIC for automated planning of standardised use cases.
- ▶ LayPLAN CAD for custom planning, including detailed planning of complex scaffolding structures that require engineering.
- ▶ LayPLAN MATERIALMANAGER for the automatic generation of material lists.
- ▶ LayPLAN VR VIEWER for virtual tours of scaffolding structures, e.g. for customer presentations/ RFQs, for coordinating activities with other project participants/safety officers, and for simulating construction project timelines.
- ▶ LayPLAN TO RSTAB for transfer of scaffolding data created in LayPLAN CAD to RSTAB software for structural strength calculations.

Layher SIM makes it possible to reliably plan scaffolding structures in digital 3D. Visibility into all work tasks ensures savings while enhancing safety and cost-effectiveness.



Time and materials are essential factors in all scaffolding projects. To make the most efficient use of both, Layher has created LayPLAN, a powerful software solution geared to real-world construction needs.



LayPLAN CAD is available for planning complex scaffolding. This plug-in for AutoCAD software enables the design of custom structures in 3D.



LayPLAN VR VIEWER allows virtual tours of scaffolding structures that offer highly realistic views of the overall situation.

PRODUCTION AND QUALITY

Our scaffolding offers immediate benefits. That last for many decades.

Layher discovered the power of highly automated manufacturing many years ago. It has enabled us to safeguard the quality of our products at all times, and means we can continue to operate competitively at our German sites.

The foundations for automated production were laid some 30 years ago, with the purchase of the very first semi-automatic welding machines and steel-deck shaping systems. Since then, automation has played a central role, and has been extended and improved. For all components required in quantities that justify automation, we employ specialist equipment and production lines designed by our own engineers. Welding is largely performed by robots, guaranteeing precision and quality. At the same time, our human experts make spot checks after each step in manufacturing to verify compliance with specifications. This ensures all parts shipped to our customers are free from faults and fully fit for purpose. We continue to invest in the latest production systems, and remain committed to the local region and to Germany. This underpins the quality of our products in the long term, and benefits our customers.

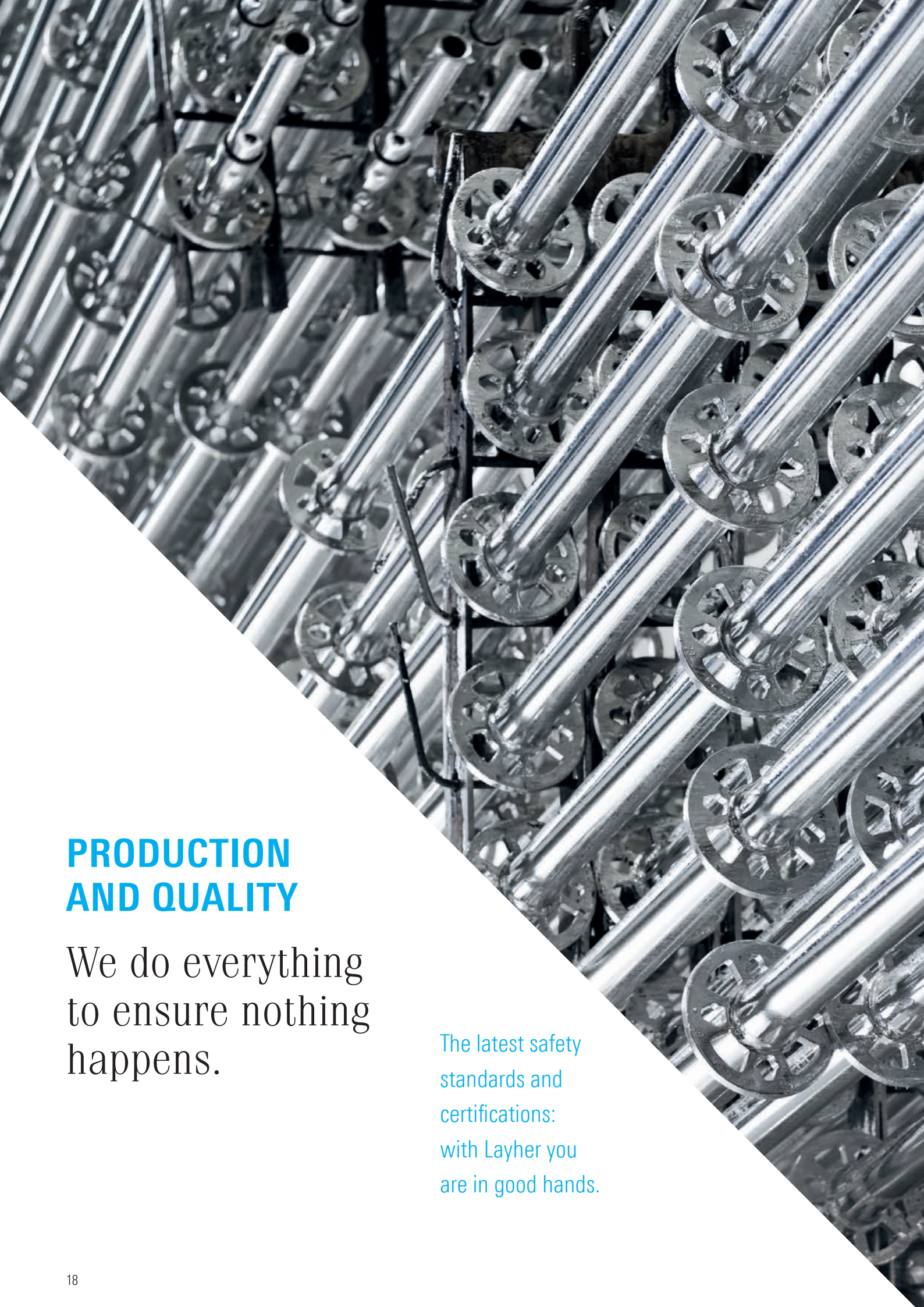
Carefully chosen materials, state-of-the-art processes and precision automation together deliver the exceptional standards of quality known worldwide simply as “Made by Layher”.



The eccentric press punches holes in the coil, which is cut to length on a separate system. Then the steel is placed in a shaping device, which turns the flat steel into a deck section, measuring approximately 15 metres in length. The almost complete decking is then automatically stacked. The next step is the welding of the end-caps with supporting claws into the deck section.

Layher LW steel decks are manufactured from steel coils that can be up to 1.7 kilometres in length and up to 10 tonnes in weight. The steel is placed in a special decoiler by means of a crane and a truck. The steel is then fed from this decoiler via a straightening device to an eccentric press with a rated strength of 650 tonnes.





PRODUCTION AND QUALITY

We do everything
to ensure nothing
happens.

The latest safety
standards and
certifications:
with Layher you
are in good hands.

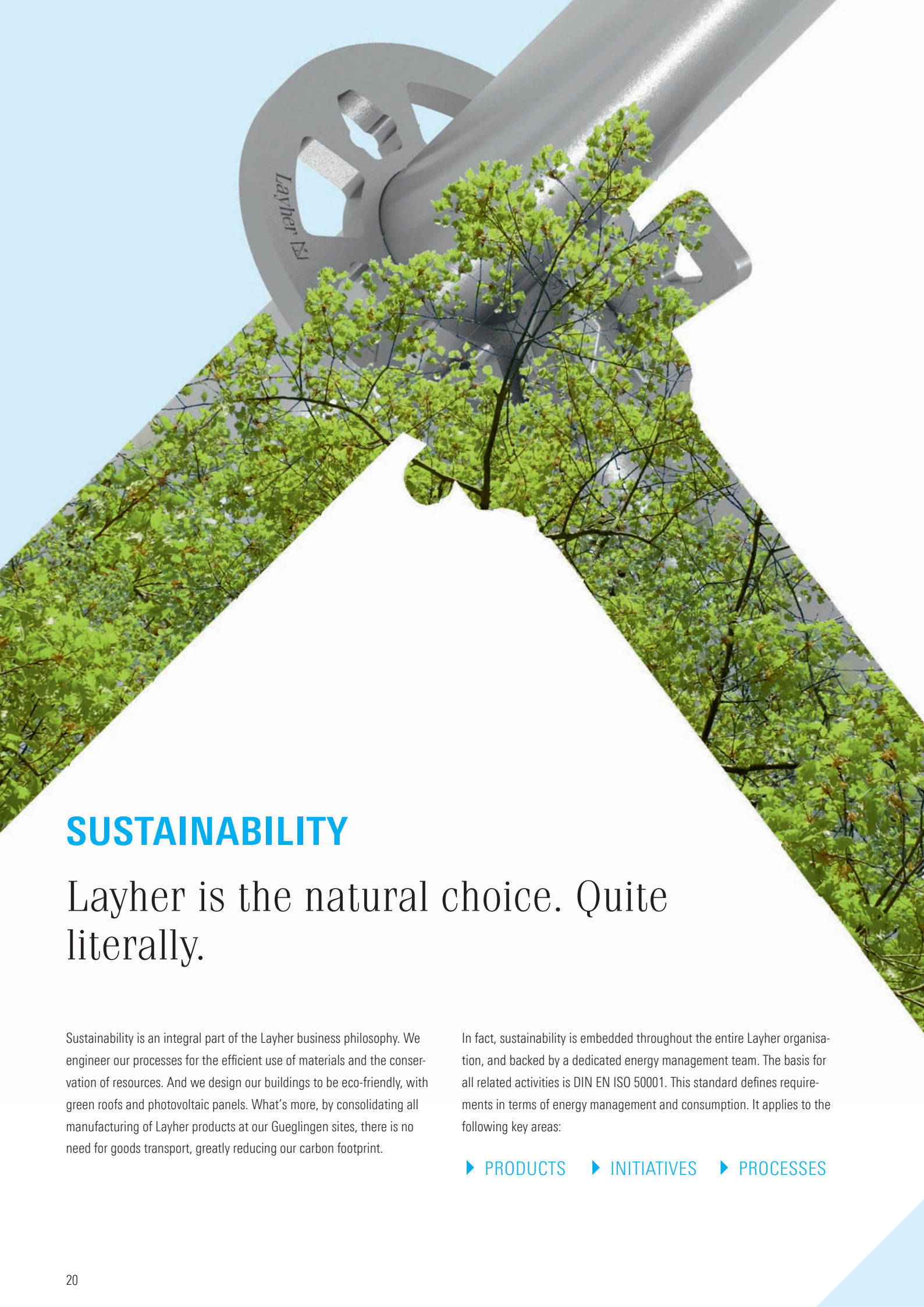


Approximately 30,000 kilometres of tubular steel leave Layher plants each and every year. That is an impressive quantity. But more important is the quality. Because each metre of tubular steel is inextricably linked to our responsibility for our customers' safety. The focus is therefore robust quality management. Our products are compliant with current safety standards and possess DIN/ISO certification, German TÜV approval, and a variety of other German and international quality labels. And we have been certified to DIN EN ISO 9001 since 1994.

Our commitment to quality is comprehensive in nature, commencing with vigorous inspection of incoming goods, and impacting all areas of production. So our innovative ideas are turned into reliable, precision-made products. For each component, we have carefully engineered manufacturing processes, backed up by clearly defined work instructions and inspection methods. Moreover, we do not outsource any core processes. And we believe in people power – we value our employees' expertise and experience, and invest in targeted skills development.



Quality management is not just about rigorous checks at each stage of production. It is also about the correct marking and comprehensive documentation of all components. For example, every Layher deck is stamped with information on the machine used for its manufacture, the date, and key production parameters.



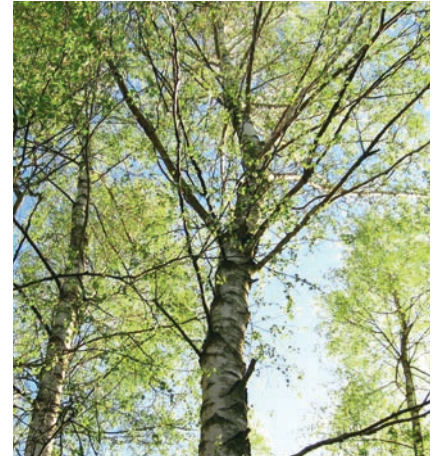
SUSTAINABILITY

Layher is the natural choice. Quite literally.

Sustainability is an integral part of the Layher business philosophy. We engineer our processes for the efficient use of materials and the conservation of resources. And we design our buildings to be eco-friendly, with green roofs and photovoltaic panels. What's more, by consolidating all manufacturing of Layher products at our Gueglingen sites, there is no need for goods transport, greatly reducing our carbon footprint.

In fact, sustainability is embedded throughout the entire Layher organisation, and backed by a dedicated energy management team. The basis for all related activities is DIN EN ISO 50001. This standard defines requirements in terms of energy management and consumption. It applies to the following key areas:

▶ PRODUCTS ▶ INITIATIVES ▶ PROCESSES



Product sustainability

Integrated System

- ▶ New components can be combined and used with existing inventory.
- ▶ Durable products that have a long service life.
- ▶ Certification applies to multiple system generations.

Layher Lightweight

- ▶ The use of high-tensile steel has enabled us to cut the weight of scaffolding components to be transported by up to 15%.
- ▶ This means each truck can carry more parts, leading to fewer trips and lower carbon emissions.

Solution-driven products

- ▶ Reusable Layher Protective Systems for enclosures and protection of construction sites.
- ▶ No need for use and subsequent disposal of tarpaulin.

Sustainability through initiatives

Lower energy consumption

- ▶ Targeted building modernisation, including regular roof improvements, and the replacement of roller doors with faster, more innovative versions to minimise heat loss.
- ▶ Replacement of conventional lighting with LED systems and regular IT system upgrades to save electricity.

Vehicle fleet

- ▶ Diesel forklift trucks are to be replaced by electric vehicles.

Renewables and energy efficiency

- ▶ Photovoltaic panels and green roofs are standard for new buildings.

Recycling

- ▶ Waste wood generated in the manufacture of toe boards are used as fuel for the drying chamber deployed in the same production process.

Paperless/paper-saving offices and carbon-neutral production of all print media, such as brochures and price lists.

Process sustainability

10-year goal for energy efficiency

- ▶ 10% less energy consumption per manufactured unit.

Production sites and systems

- ▶ Short distances between sites and targeted allocation of production tasks for a smaller CO₂ footprint.

Suppliers

- ▶ Raw materials are selected and sourced in line with ecological and sustainability criteria. Layher only partners with suppliers who also have corresponding ISO certification.
- ▶ All equipment purchased fulfils the highest energy efficiency class.

Production

- ▶ New production technologies and efficient processes ensure the conservation of resources and high product quality.
- ▶ The energy efficiency class KfW 55 applies to all new buildings.
- ▶ Innovative heating systems, a combined heat-and-power (CHP) plant, and an air compressor with heat recovery ensure the efficient management of interior temperatures.

Economic and ecological sustainability is central to the Layher business model. And there is a focus on our responsibilities towards employees, customers and society as a whole.





SERVICE AND EXPERTISE

More possibilities.
Added value.

We believe in teamwork. Our mission is to give you the best possible advice and assistance – to enhance your competitiveness and business success in the long term. And staying ahead of the game is not about an individual product, but about complete solutions; it is not just about excellent technology, but also about skilful implementation in line with the specific needs of a particular project. That's the added value customers receive from Layher – why not make the most of the possibilities we offer for your own future?



More speed: logistics and availability.

Layher is able to draw on scalable production resources and significant inventories to guarantee customers rapid and reliable delivery. No matter what the quantity, we can supply the right product at the right time – worldwide, via subsidiaries on all five continents and a network of service centres.

Our logistics processes are designed around the no-time-to-lose principle: customers can choose to collect materials from their nearest Layher service centre, have it shipped to their warehouse, or delivered just-in-time to the construction site. So they can commence work without delay, and complete their projects to tight deadlines, without having to forgo Layher quality.



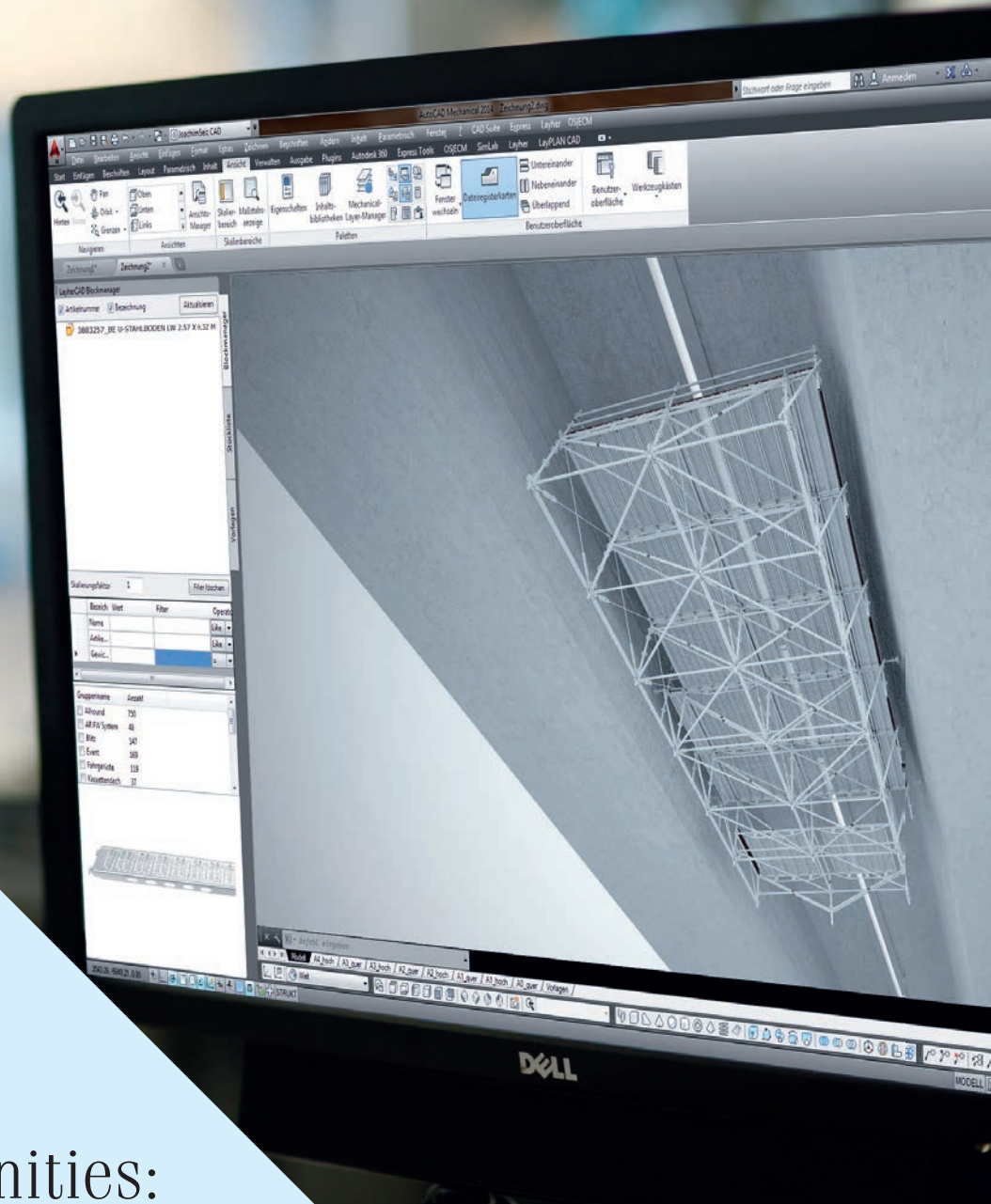


More experience: on-site, hands-on advice.

Our success is driven by our customers' success. Which is why we believe in close collaboration, and in genuine, lasting partnerships at all levels. Skilled Layher specialists address the individual challenges of each customer, finding solutions that deliver the right results at the right price.

Layher is also available to assist and advise at the construction site itself. With existing customers, it might be a case of trying a different approach. With new customers, it might be support with the first-ever deployment of Layher scaffolding. Our expertise is available anywhere in the world – for a large-scale project, or for a highly specific aspect of particular use case.





More opportunities: software and logistics support.

Digital transformation is an increasingly important factor when it comes to the award of scaffolding contracts. To provide you with effective support in this new age, we have developed Scaffolding Information Modeling (SIM), a solution that provides rich IT functionality for scaffolding processes on the basis of 3D models. Layher SIM® streamlines all key aspects of scaffolding projects, from planning, to logistics, to execution – including erection, acceptance, use, modifications and dismantling.

Layher SIM® comprises LayPLAN SUITE: a powerful and flexible toolbox with various modules that can be chosen in line with your specific needs.

Pos.	Anz.	Art. Nr.	Bezeichnung
8	1740	077	BL QUER-DIAGONALE 1,77 M 19 MM SW
8	1740	078	BL BELAG-SICHERUNG 0,73 M
8	1740	779	BL KONSOLE 0,73 M 19 MM SW
7	1740	000	BL SCHUTZBOHRERST. 0,76 0,50 0,79 M
2	1751	073	2B GERÜSTHALTER 1,45 M
21	1754	145	BL 172 STREBEBOHRERST. 0,73 M
6	1757	073	BL BLUTZ-BORDBRETT 2,07 M
9	1757	157	BL BLUTZ-BORDBRETT 2,07 M
30	1757	257	BE U-STÄHLBOCKEN 12,2 2,0 19,0 SW
12	3512	157	BE U-STÄHLBOCKEN 12,2 2,0 19,0 SW
12	3512	257	BE U-ROBUST-BOCKENSTREBE 1,77 M
17			FALLSTRECKEN



More knowledge: theoretical and practical training.

Skills development is the key to success, particularly in fiercely competitive markets. For this reason, Layher organises regular training programmes that prepare customers for current and future challenges in scaffolding, and that enable them to make the most of Layher products – for greater safety, efficiency and productivity.

Moreover, the offering goes beyond classroom training and webinars. It includes hands-on product familiarisation sessions, round-table meetings featuring presentations by industry specialists, and discussions with fellow professionals. And we are a popular source of highly informed publications, ranging from instructions for scaffolding erection and use, to in-depth descriptions of the technology employed.



We offer you
an ocean of
possibilities.

SHIP SCAFFOLDING IN
HAMBURG HARBOUR





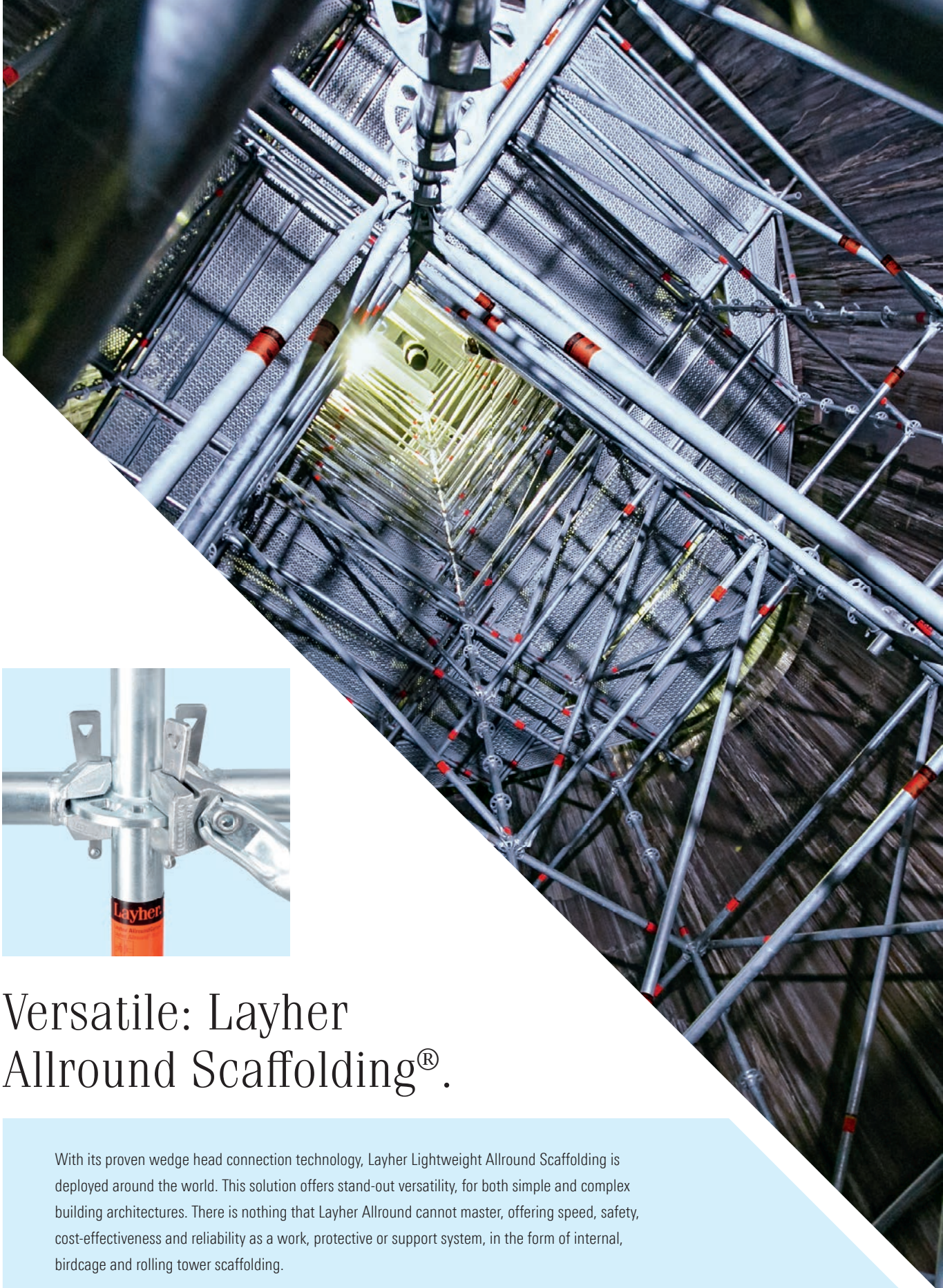
PRODUCTS AND SYSTEMS

Cost-efficient: Layher SpeedyScaf®.



Six basic components, with a multitude of possibilities: SpeedyScaf frame scaffolding comprises just a few, lightweight components that can be connected without the need for bolts. It is assembled in an intuitively logical sequence and allows the quick and easy erection of stable work platforms for any task. It is simple, safer, ergonomic and highly versatile: SpeedyScaf is a cost-effective solution for both scaffolding and building trades. A choice of expansion parts enables you to find a made-to-measure answer to your specific challenge.

- ▶ Efficient in terms of transport, handling and assembly thanks to Layher Lightweight products.
- ▶ Advancing side protection with system-integrated I-Guardrail or Advance Guardrail System.
- ▶ Simple planning and preparation of work tasks.
- ▶ Integrated System – compatible with all product generations and Layher Protective Systems.



Versatile: Layher Allround Scaffolding®.

With its proven wedge head connection technology, Layher Lightweight Allround Scaffolding is deployed around the world. This solution offers stand-out versatility, for both simple and complex building architectures. There is nothing that Layher Allround cannot master, offering speed, safety, cost-effectiveness and reliability as a work, protective or support system, in the form of internal, birdcage and rolling tower scaffolding.

- ▶ Saves costs and materials.
- ▶ The world leader for industrial applications.
- ▶ Faster erection and better use of truck resources thanks to lower weight.
- ▶ Increased load-bearing capacity despite lower weight.
- ▶ AutoLock function for even greater safety.
- ▶ Integrated System – compatible with other Layher generations, systems and products.



Highly advanced: Allround ARGS Sys- tem.

Layher developed the Allround ARGS System to provide integrated side protection. The ARGS standard and guardrails together form two-part advancing side protection. It creates a shield on both the inside and outside of the scaffolding, without needing temporary side elements. The ARGS guardrails can be attached from the secured level below, and then simply swung upwards together with the ARGS standard. There is no need to adhere to a specific scaffolding bay assembly direction.

- ▶ The Allround System provides collective protection against falls for façade scaffolding.
- ▶ Rapid erection and dismantling, without the need for tools.
- ▶ Lightweight, compact components for space-saving transport.
- ▶ Retrospective dismantling of individual guardrails possible, irrespective of original assembly sequence.
- ▶ Part of an Integrated System: can be used with all other Allround components, e. g. decking, brackets and stairs.



Strong and light: Aluminium FlexBeam.

The Aluminium FlexBeam allows material and time savings when erecting both suspended and upright surface scaffolding. The aluminium beam is just 28 cm in height, and thanks to the U-shaped upper side of the section and the FlexBeam standard adapter, it can be fully integrated into Allround Scaffolding. Its relatively low weight makes it ideal for challenging assembly conditions and scenarios where low-dead-load scaffolding is required, such as suspended structures for bridges.

- ▶ Aluminium beam just 28 cm in height and weighing merely 10 kg/m.
- ▶ Compared with a conventional 450 steel lattice beam, FlexBeam offers 2.5 times greater bending load capacity, up to 7 times greater shear load capacity, and 17 cm lower height.
- ▶ A range of additional parts for various use cases.
- ▶ Suitable for support and suspended configurations.
- ▶ System-integrated solution with U-shaped upper side of the profile for direct suspension of system decks.





Seamless integration: Allround FW System.

With a component weight of under 19 kg, the Allround FW System is exceptionally easy to handle. It can be pre-assembled on the ground and subsequently lifted by crane, or erected in-situ as a cantilevered construction from a secured level. It is suitable for many applications, such as wide-span work platforms, support beams, bridging structures and projections for façade and birdcage scaffolding, and suspended structures for bridge repair work.

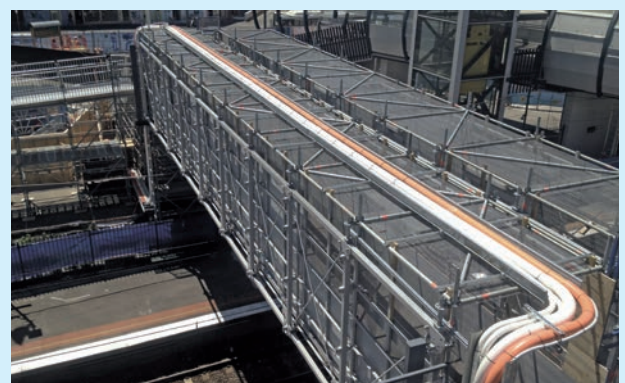
- ▶ High load-bearing capacity thanks to high structural height and robust individual parts of high-tensile steel.
- ▶ Just three supplementary components to the Allround System: FW post, FW chord and FW diagonal rod.
- ▶ Rapid connection of parts by means of bolts.
- ▶ Easy handling thanks to individual parts with a maximum weight of 19 kg.
- ▶ Seamless integration into Allround Scaffolding as components are positioned on system axes in all three spatial directions.
- ▶ Ideal for scaffolding requiring low volumes of material.



High and mighty: Allround Bridging System.

The Allround Bridging System boasts very high load-bearing capacity, enabling spans of up to 30 m. It is ideal for use in combination with other Layher Allround equipment: using just a few additional parts, the Allround Bridging System can be pre-assembled on the ground and lifted into position by crane.

- ▶ Requires just a few additional components.
- ▶ Pre-assembly on the ground thanks to simple bolt connections with subsequent positioning by crane.
- ▶ Can be combined with the Protect System to create roofs and enclosures.
- ▶ Fully compatible with the Allround Scaffolding System.





Even more possibilities: Allround Shoring TG 60.

Layher expansion parts enable our customers to enter new markets and make better use of existing inventories. Allround Shoring TG 60 allows the cost-effective, flexible and safer assembly of shoring. At its heart are prefabricated Shoring Frames TG 60 with integrated rosettes. Frames can be quickly and easily combined without bolts using the unique wedge head connection to form shoring towers with standards that have a load-bearing capacity of up to six tonnes.

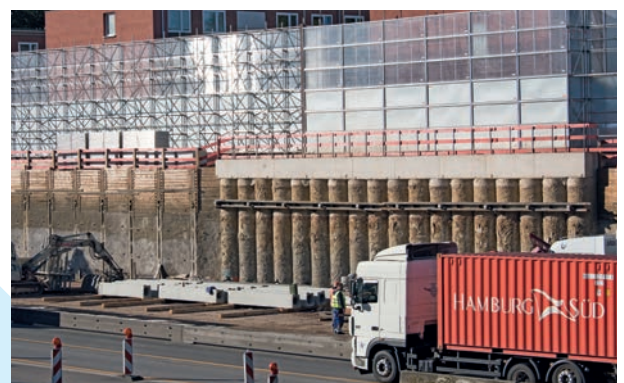
- ▶ Over 30% faster erection and dismantling compared to shoring made from individual parts.
- ▶ Safer vertical assembly thanks to integrated, advanced guardrail.
- ▶ Variable bay lengths allow shoring to be tailored to dimensions of formwork beams or to load.
- ▶ Towers can be pre-assembled on the ground and rapidly positioned by crane.
- ▶ Fully compatible with Allround Scaffolding.
- ▶ System includes stairtowers.



Safer and smarter: Protect System.

The Layher Protect System delivers across the board in terms of eco-friendliness, noise control, safety for passers-by and protection against the elements – while offering an attractive look-and-feel. The largely dustproof version is ideal for asbestos removal, for façade work and sand-blasting. Moreover, its exceptional acoustic insulation properties mean the system is also suitable for temporary noise reduction, e. g. for construction sites in urban areas or at major events.

- ▶ High-performance solution geared to ever-more stringent environmental protection legislation.
- ▶ Ideal way to segregate construction site from surroundings.
- ▶ Reusable cassettes, largely dustproof, vacuum-compatible and weatherproof.
- ▶ Highly durable, no need for disposal of tarpaulin, extremely cost-effective.
- ▶ Highly precise dimensions, low weight, easy handling.
- ▶ Modular design, compatible with SpeedyScaf and Allround Scaffolding.





Light and strong: Keder Roof XL.

The lightweight Keder Roof XL comprises aluminium beams with integrated Keder sections. It can be assembled on the ground or directly on the scaffolding. It is possible to create a mobile roof that can be moved on-site entirely without a crane. The roof covering comprises PVC Keder sheet that can be easily fed into the Keder section. It is suitable for a variety of use cases, including roof repairs, adding new storeys to existing buildings, bridge and motorway work, and for events, festivals and parties.

- ▶ A cost-effective solution for both small and large roof spans.
- ▶ Spans of up to approx. 30 m and roof angles of up to 18° possible.
- ▶ High snow loads (up to approx. 1.0 kN/m²) with mid-size roof spans.
- ▶ Suitable for all use cases thanks to large roof widths and various configurations.
- ▶ Quick and simple installation of Keder sheets.
- ▶ Compatible with SpeedScaf and Allround Scaffolding.



Durable and tough: Cassette Roof.

This low-cost, labour-saving roofing is ideal for weatherproofing and for temporary halls. The steel cassettes and roof trusses are highly robust, capable of bearing significant loads, and are therefore a long-lasting investment. It has become a popular solution for conversions, for the addition of new storeys to existing buildings, for renovation and restoration. The building and its contents remain effectively protected during the entire project.

- ▶ Roof trusses made from galvanized steel, covered by cassettes of corrugated sheet metal.
- ▶ Roof spans of up to approx. 30 m possible.
- ▶ Pre-assembled on the ground and positioned by crane.
- ▶ Cassettes are easily opened for site access, e. g. for delivery of materials.
- ▶ Compatible with SpeedyScaf and Allround Scaffolding.





Faster and safer: Stairtowers.

Quickly assembled and installed, and even safer to use: Layher offers stairtowers for diverse needs, in particular for various forms of temporary access. Typical use cases include construction site access, road crossings, temporary steps for construction work, and fire/emergency escapes. In the event industry, Layher stairtowers are frequently deployed to allow access to grandstands and stages on account of their high load-bearing capacity.

- ▶ Suitable for any stairway use case.
- ▶ Modularity ensures high versatility.
- ▶ Quickly assembled and erected.
- ▶ Safer, convenient access to and at the construction site for workers, owners/developers, and architects.
- ▶ Rapid availability as towers are made 100 % from standard Layher parts.



On world tour: Event Systems.

Layher stages and grandstands deliver outstanding performance – for festivals, rock concerts, sports events and open-air theatre. With their modular design and easy-to-handle individual components, it is possible to create remarkable structures both indoors and out. Layher Event Systems are based on extremely robust and strong Allround Scaffolding. High-volume production and rapid time-to-delivery help lower costs, contributing to the commercial success of the event.

- ▶ Substructure is based on Allround Scaffolding.
- ▶ Rapid assembly, outstanding flexibility and safety.
- ▶ Modular design for stages, grandstands, FOH towers, PA towers and video walls.
- ▶ Low weight, space-saving storage and efficient transport.
- ▶ Combination of steel and aluminium parts for high load-bearing capacity and light weight.
- ▶ Over 30 years' experience in designing structures for events.

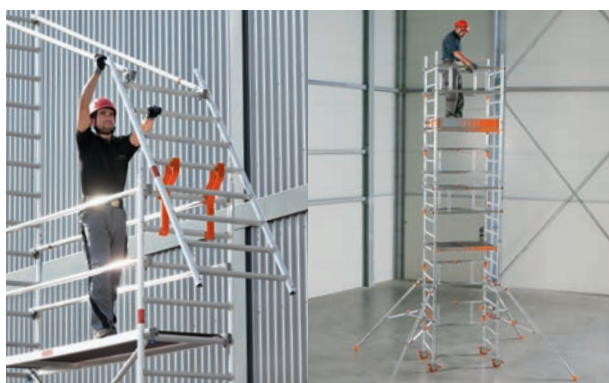




Work on the move: Rolling Towers.

High-quality materials, safer design and excellent product quality: Layher rolling towers have become essential tools in industry and the trades. These solutions are made from aluminium, and offer users diverse possibilities and freedom of movement. A further strength is the generous amount of storage space for tools and materials.

- ▶ The right rolling tower for any construction site task.
- ▶ Modularity for diverse configurations with just a small number of components.
- ▶ Easy-to-handle lightweight aluminium parts for simple assembly of towers.
- ▶ Highly stable for concentrated work at height.
- ▶ Safer assembly and use, in line with the latest requirements.



Rise to the top: Ladders.

A ladder must be reliable at all times, whether it is used daily or just occasionally. It has to be strong and stable, and offer high torsional stiffness, guaranteeing secure support at any height. Layher meets these needs and more with a broad portfolio of professional-grade ladders, made from aluminium, wood, or a combination.

- ▶ Ideal for industry and the trades.
- ▶ Robust, durable aluminium ladders with anti-slip feet, grooved rungs and light weight for safer, ergonomic working.
- ▶ Wooden ladders in both traditional and extra-robust versions, the preferred choice of painters and drywall installers.
- ▶ Combination ladders offer the advantages of grooved aluminium rungs plus the insulation properties of wooden stiles – especially popular with electricians and construction-site tradespeople.



We're building
the future.

BEATRICE WIND PARK
IN THE BALTIC SEA





NETWORK AND INTERNATIONAL PRESENCE

Close to our customers.
The world over.

LAYHER SUBSIDIARIES

► Europe

Austria, Belgium, Bulgaria, Denmark, Estonia, Finland, France, Hungary, Ireland, Israel, Italy, Lithuania, Netherlands, Norway, Poland, Romania, Russia, Serbia, Spain, Sweden, Switzerland, Turkey, UK



▶ **Africa**

Ivory Coast, Morocco, South Africa

▶ **Asia**

India, Kazakhstan, Singapore

▶ **Middle East**

United Arab Emirates (Abu Dhabi, Dubai)

▶ **North America**

Canada (Alberta, Ontario), Mexico, USA (Alabama, Florida, Maryland, Texas)

▶ **Oceania**

Australia (New South Wales, Queensland, Victoria, Western Australia), New Zealand (Auckland, Christchurch, Wellington)

▶ **South America**

Argentina, Brazil, Chile, Columbia, Ecuador, Peru



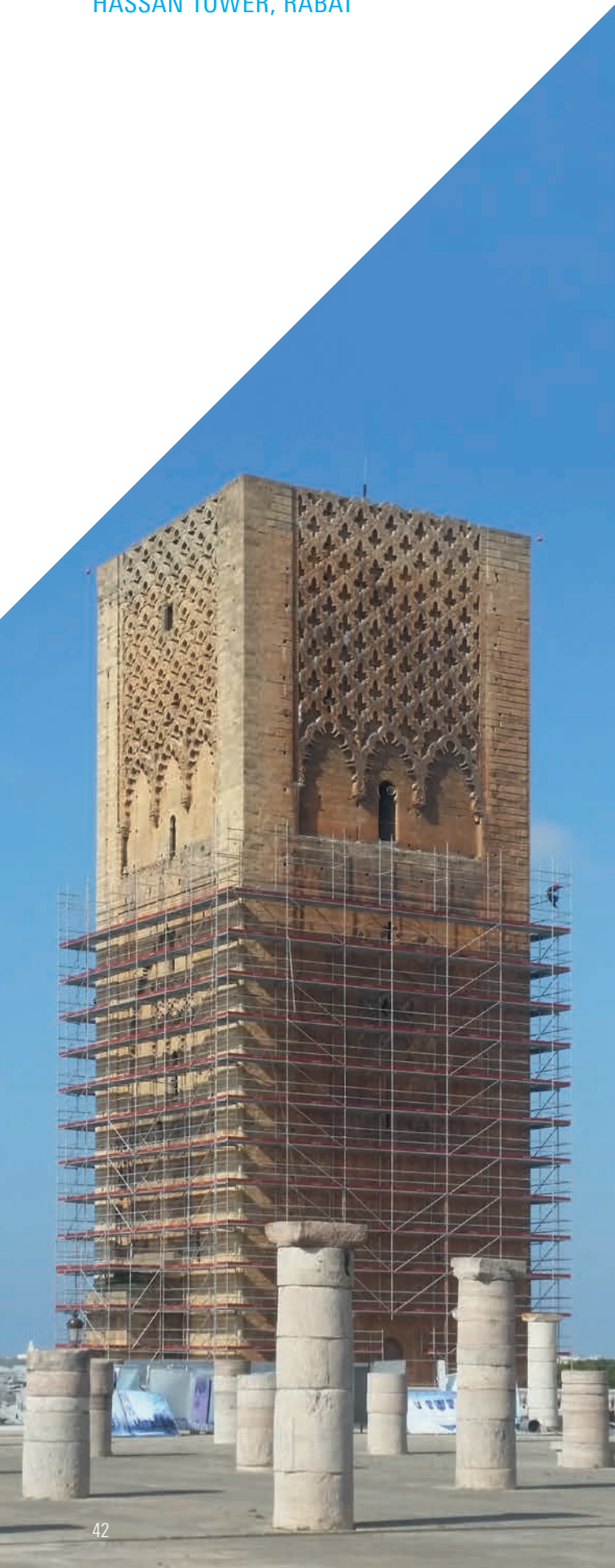
Personal interaction and efficient coordination are key to Layher's success. For this reason, wherever our customers need us, we will be there – with our ideas, advice and solutions.

Through a global network of subsidiaries, we make sure we are always close to our customers and their challenges – delivering local ideas, solutions, expertise and service. Our sales engineers are available on all five continents, backed by ample inventories, ensuring we can flexibly respond to regional market demands at all times. Consequently, we are well equipped to deliver the right solutions, with the right people, in the right place. And we continue to enhance our international network – because we know that being close to our customers creates more possibilities for them.

The Layher international network extends to all key markets. We therefore understand the local culture, and the local market, and gear our products and services accordingly. We are also able to advise customers who wish to become more international and access new markets.

Masterpieces of scaffolding.

HASSAN TOWER, RABAT



ELIZABETH TOWER, LONDON

CATHEDRAL,
SANTIAGO DE COMPOSTELA



EIFFEL TOWER, PARIS

Wilhelm Layher GmbH & Co KG

Scaffolding Grandstands Ladders

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