

TOGETHER,  
WE'RE ON THE  
WAY UP.

Layher® 

More Possibilities. The Scaffolding System.



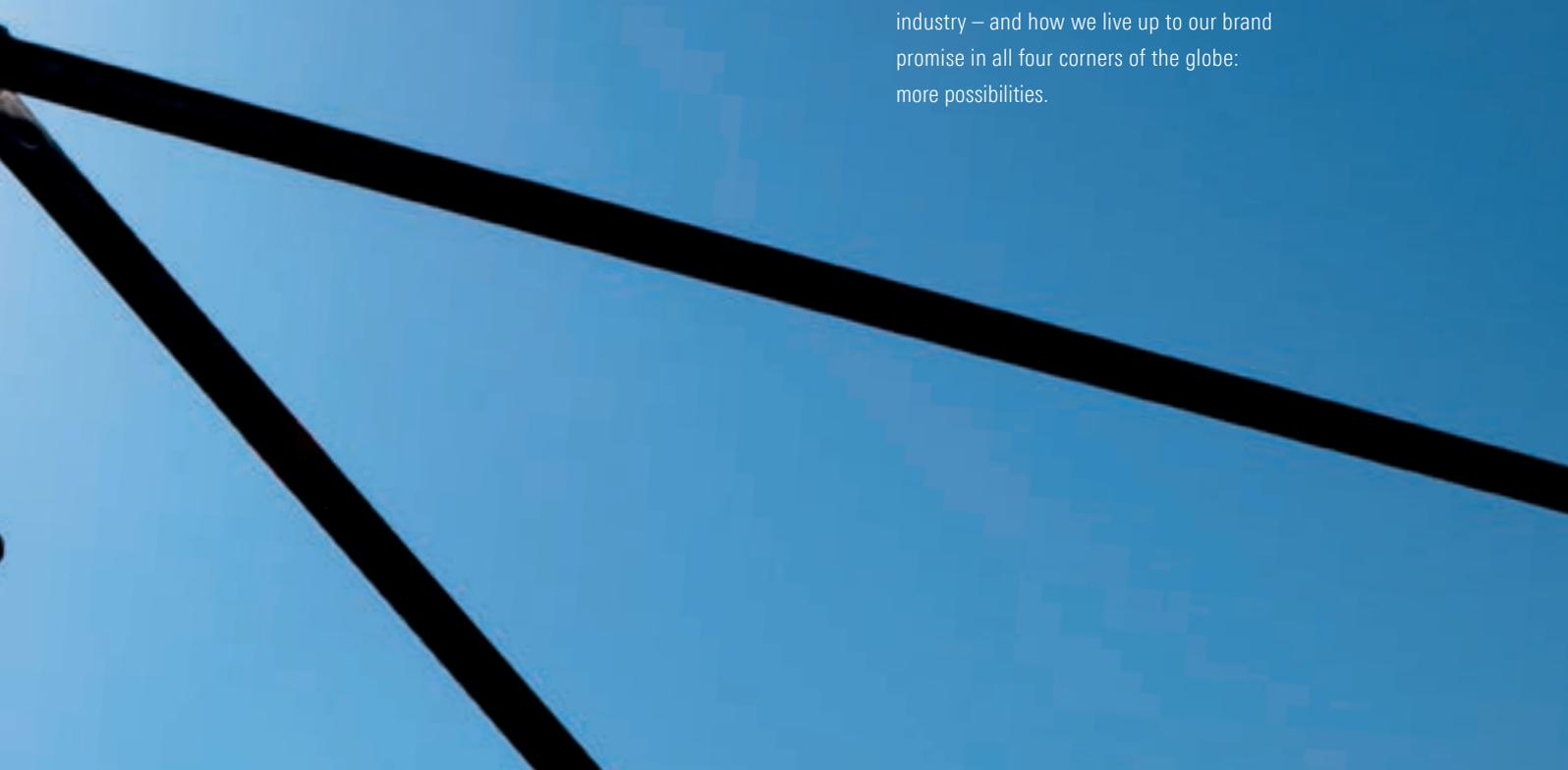
WORKING HARD FOR OUR CUSTOMERS'  
SUCCESS FOR MORE THAN 70 YEARS.





# INNOVATION PARTNERSHIP COMMITMENT EXPERIENCE

The Layher brand has been synonymous with high-quality scaffolding systems, outstanding services and dependable partnership for more than seven decades. This brochure explains just what makes us a driver of innovation in our industry – and how we live up to our brand promise in all four corners of the globe: more possibilities.





Headquarters in Eibensbach

# GOOD SCAFFOLDING IS MADE OF STEEL. EXCELLENT SCAFFOLDING IS MADE IN GUEGLINGEN-EIBENSACH.

LAYHER, THE WORLD'S LEADING MANUFACTURER OF MODULAR SCAFFOLDING SYSTEMS, IS A FAMILY-OWNED COMPANY, WITH ITS ROOTS – AND ITS FUTURE – FIRMLY IN GUEGLINGEN-EIBENSACH.

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

The headquarters in Eibensbach offers some 250,000 m<sup>2</sup> of space, including 110,000 m<sup>2</sup> for production and storage. Manufacturing, development, logistics and administration are in a single location, generating synergies that benefit our customers: seamless information exchange, rapid decision-making, responsiveness, hands-on quality control and much more. Not least, manufacturing processes can be reengineered at any time in response to changing market needs.

## MORE SUCCESS THROUGH PARTNERSHIP

“More possibilities” – 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, swifter, and above all safer, by creating ever-better products. Our customers’ success, business sustainability and the conservation of natural resources are key to our business philosophy.

A decision to purchase Layher products is simultaneously a decision in favour of a unique set of services: by delivering more speed, safety, proximity, simplicity and future, we strengthen our customers’ competitiveness. And we do so within the scope of a true partnership, where the focus is on people.

And Layher products are not just sound in terms of our corporate philosophy, they are also sound in terms of their business benefits: our scaffolding is designed to be fully compatible across all our systems, and we guarantee that additional parts and elements are available for purchase not just for years but for decades. What’s more, our products have a deserved reputation for durability that is second to none – adding up to maximum investment protection for our customers around the globe.

A growing business: in 2009, Layher established a second manufacturing plant just a stone’s throw from the original location in Eibensbach. The Gueglingen facility has a total area of 68,000 m<sup>2</sup>, with 32,000 m<sup>2</sup> of production and storage space. All aluminium and wooden components are manufactured here.

Plant 2 in Gueglingen





IDEAS  
OF LASTING  
QUALITY.



**WE HAVE BEEN DOING THE SAME  
OLD THING FOR MORE THAN  
SEVEN DECADES: COMING UP WITH  
SOMETHING NEW.**

**OUR OVERRIDING PRIORITY IS OUR CUSTOMERS'  
LASTING SUCCESS. WHICH IS WHY WE CONTINUE TO  
IMPROVE OUR SCAFFOLDING SYSTEMS.**





Innovation big and small: The STAR guardrail fixture, which can be installed without the need for any tools, improves safety by giving a clear visible warning when the guardrail is not securely in place.



An intelligent solution: the Layher plug-in console bracket for rapid inner widening of scaffolding. Whereas conventional consoles must be secured and aligned using half-couplers the Layher solution simply slots into the securing pin hole.



Whether on a rapidly advancing construction site or under cramped conditions, you can get Layher's protective roofs rolling to where the action is with only a few extra components. Flexibility and economy to the highest degree with mobile roofs from Layher.

Innovation is what enables Layher to promise its customers more possibilities – and to deliver on that promise. For more than 70 years, we have been a pioneer in the scaffolding industry – creating a stream of new ideas, while protecting customers' existing investment. Layher scaffolding products are durable, compliant with all applicable standards, and fully compatible with one another. 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; to make their working lives easier.

Our products are the result of hands-on experience, and designed to deliver practical benefits. The development process is geared to maximizing ease of use in real-life situations: the first step is for our engineers to create an initial design, taking into account applicable standards and load-bearing calculation methods. Then we create prototypes that are put through their paces using an in-house test rig and trials at selected customer sites – only then, when they have proved their worth, they are put into production.

# WE DON'T JUST TALK ABOUT QUALITY. WE PRODUCE IT. YEAR IN, YEAR OUT.

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".

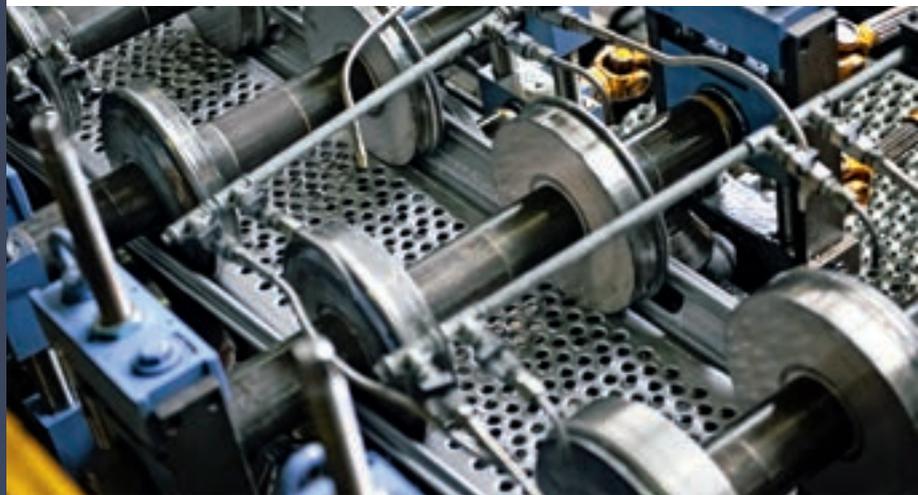


Layher steel decks are manufactured from steel coils that can be up to 1.7 kilometres in length and up to 11 tonnes in weight. The steel is placed in a special decoiler by means of a crane and a truck. The steel is then fed from this decoiler via a straightening device to an eccentric press with a rated strength of 650 tonnes.

Layher discovered the power of automation many years ago, and since then has extended and refined its use. As a result, the company continues to manufacture its products in Germany, and continues to be highly competitive, while maintaining the highest standards of quality.

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 been a central aspect of operations, and has been extended and improved, with a tripling of automation in the last 10 years alone. Recent steps include the construction of a fully automatic galvanizing plant, measuring approximately 10,000 square metres, with a capacity of 80,000 tonnes per year. For all components required in quantities that justify automation, we employ specialist equipment and production lines designed by our own engineers. Robots are employed for the vast majority of welding tasks, for both steel and aluminium. This guarantees an exceptionally high degree of precision – and therefore quality. Nevertheless, samples are taken after each step of the production process, and scrutinized against our stringent specifications. In this way, we ensure that the parts that are shipped to our customers are free from faults and fully fit for purpose.

We continue to invest in new production plant in Eibensbach and in Gueglingen, underlining our commitment to made-in-Germany quality. Which is good for Layher, and good for our customers.



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 rectangular box, measuring approximately 15 metres in length. The almost complete decking is then automatically stacked. The next phase is welding of the caps and the suspension claws which are welded into the box section.



**SAFETY MEASURING  
20,000 KILOMETRES IN LENGTH.  
EACH AND EVERY YEAR.**

**THE LATEST SAFETY STANDARDS AND CERTIFICATIONS:  
WITH LAYHER YOU ARE IN VERY SAFE HANDS.**



Approximately 20,000 kilometres of steel tubing 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 key focus is therefore robust quality management. Our products are compliant with the very latest security standards and possess DIN/ISO certification, German TÜV approval, and a variety of other German and international quality labels. 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, well-made products. For each component, we have precisely engineered manufacturing processes, backed up by clearly defined work instructions and inspection methods. Moreover, we do not outsource any process which we regard as being a core competency. And we believe in people power – we value our employees' expertise and experience, and invest in targeted skills development programmes.



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 system used for its manufacture, the date, and the key production parameters.

MORE  
POSSIBILITIES:  
THROUGH BETTER  
SERVICE.





Scaffolding companies need a reliable partner who provides effective, comprehensive support within a fiercely competitive industry. 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. And we help our customers secure that all important edge over their rivals – through the intelligent combination of innovative products and value-added services.

# MORE SPEED: LOGISTICS AND AVAILABILITY.



Layher is able to draw on scalable production resources and significant inventories, and can therefore guarantee customers extremely rapid delivery at all times. No matter what the quantity required, we can supply the right product at the right time – to anywhere in the world, via subsidiaries in all five continents and a network of service centres. Our logistics processes are designed around the understanding that our customers have no time to lose: they can collect the materials they require from their nearest Layher service centre, have it shipped to their warehouse, or delivered just-in-time to the construction site. As a result, they can commence work without delay, and complete their projects to tight deadlines, without compromising on quality.



# MORE EXPERIENCE: ON-SITE, HANDS-ON ADVICE.



Our success is based on our customers' success. Which is why we believe in close collaboration, and on genuine, lasting partnerships. Layher engineers and other specialists get to grips with the specific challenges and imperatives of our customers, developing 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 application.



# MORE KNOWLEDGE: THEORETICAL AND PRACTICAL TRAINING.

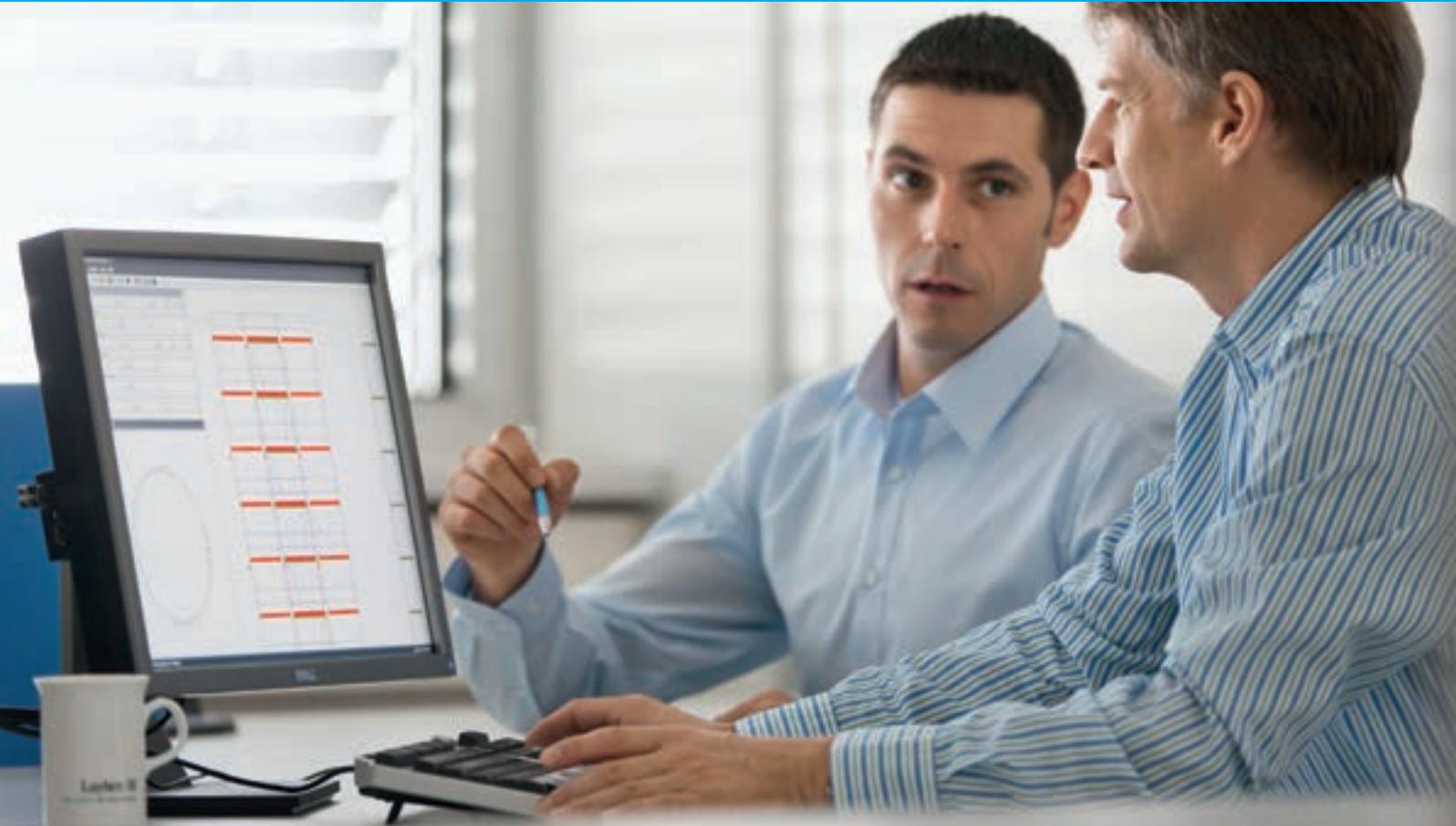


Skills development is the key to success, particularly in fiercely competitive markets. For this reason, Layher organizes regular training programmes that prepare customers for current and future challenges in scaffolding, and that enable them to make the most of Layher products – for greater safety,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

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

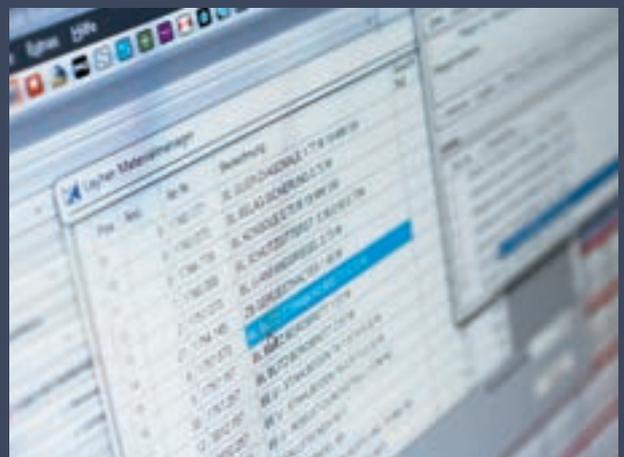


# MORE VISIBILITY: SOFTWARE AND LOGISTICS SUPPORT.



The Layher LayPLAN planning solution and Layher tools for AutoCAD® enable customers to save time, make the best possible use of available resources, and to streamline their logistics. Layher software means greater reliability when it comes to budgeting and project planning, improved inventory management, and complete cost transparency.

With both SpeedyScaf and Allround Scaffolding: the user simply enters the dimensions and the required scaffolding structure, and within a matter of moments the Layher software creates a scaffolding proposal, with material list and assembly sketch for the area to be enclosed, including total price and total weight – available as a printout. There is no faster, more cost-effective or reliable way to plan scaffolding.







WE OFFER YOU  
AN OCEAN OF  
POSSIBILITIES.

# THE FAST SOLUTION: LAYHER SPEEDYSCAF®.



Layher SpeedyScaf lives up to its name. Comprising just six basic elements, it can be erected at lightning speed, creating a stable platform for work of all kinds. Since its launch in 1965, it has become the recognised leader amongst insertion-frame systems. It is a solution that is robust, strong, and extremely fast, making it ideal for work on building façades. With a variety of elements to choose from, Layher SpeedyScaf is extremely versatile, and suitable for both scaffolders and for other construction-industry professionals.

- ▶ Extremely easy to use – saving time for both erection and dismantling
- ▶ Suitable for construction-industry professionals of all types, combinable with other Layher systems and products
- ▶ Available in standard lengths suitable for a wide variety of structures
- ▶ Reliable and safer



# THE VERSATILE SOLUTION: LAYHER ALLROUND SCAFFOLDING®.



With its unique wedge-and-rosette connector, Layher Allround Scaffolding revolutionized the scaffolding industry upon its launch in 1974. The original offers an unbeatable versatility, in particular with regard to extremely challenging environments, for example with few anchorage points and complex building architecture. There is almost nothing that the Layher Allround system cannot master, offering speed, cost-effectiveness and reliability, combined with safety, as a work, protective or support system for internal, birdcage and rolling tower scaffolding.

- ▶ Unique Allround connector
- ▶ Eight connections in one plane, automatic right-angle alignment of transoms / ledgers, flexible choice of angles for other components, self-locking during assembly, designed to minimize material requirements
- ▶ The world leader for industrial applications
- ▶ Extremely versatile, interchangeable with other Layher systems and products
- ▶ The basis for rapid, dependable, safer, profitable and highly flexible scaffolding



## SOUND WITH INCREASED SAFETY: 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 dust-free design 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 control, e.g. construction sites in urban areas or at major events.

- ▶ High-performance solution geared to stringent environmental protection legislation
- ▶ Modular design, compatible with SpeedyScaf and Allround Scaffolding
- ▶ Highly durable, no need for disposal of sheeting, extremely cost-effective
- ▶ Highly precise dimensions, low weight, ease of use
- ▶ Proven load-bearing capacity up to a height of 90 metres



## SMART AND VERSATILE: KEDER AND CASSETTE ROOFS.



Layher cassette roofs have proven an enduring hit for conversion work, for adding additional storeys, for renovation and restoration. Throughout the project, the building itself and interior fittings and furnishings enjoy robust protection, and business operations can continue unaffected thanks to an effective roof covering. For small and mid-length roof spans, Layher keder roofs are the perfect one-stop solution – light in weight, and attractive in appearance.

- ▶ System-independent, proven technology for protection against the weather
- ▶ Suitable for large roof spans
- ▶ Rapid assembly, highly versatile
- ▶ Robust and highly durable



## ON WORLD TOUR: STAGES AND STANDS.

## QUICK AND EASY SOLUTIONS: ROLLING TOWERS AND STAIRWAY TOWERS.



Layher Stages and grandstands deliver outstanding performance – for festivals, rock concerts, sports events and open-air theatre. With their modular design and easy-to-use individual components, it is possible to create remarkable structures both indoors and out.

The Layher Event system is 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.

- ▶ Rapid assembly, outstanding flexibility and safety
- ▶ Low weight and extremely compact – ideal for shipment
- ▶ Available in steel and aluminium
- ▶ Over 30 years' experience in designing structures for events



High-quality materials, very safe design and production to stringent specifications: Layher rolling towers and stairway towers are an essential tool for craftsmen, construction industry and public area constructions. These products offer a variety of possibilities and outstanding manoeuvrability. Stairway towers for a broad spectrum of application and requirements round off the range of access solutions.

- ▶ The Layher modular system can be flexibly adapted to every kind of requirement
- ▶ Quick and easy assembly thanks to easy-to-use components
- ▶ Exceptional stability allows to focus on the essentials
- ▶ Extremely safe design, in accordance with the very latest standards



OPEN AND  
SHUT CASE:  
LAYHER  
ENCLOSED  
SYSTEMS.





# 1,500 HEARTS AND MINDS DEDICATED TO YOUR SUCCESS.

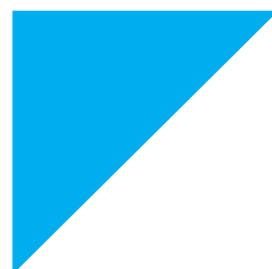
SCAFFOLDING IS PART OF OUR DNA. SCAFFOLDING IS MORE THAN JUST OUR BUSINESS, IT IS OUR PASSION. EACH AND EVERY DAY, EACH AND EVERY LAYHER EMPLOYEE GIVES THEIR ALL TO LIVE UP TO OUR MISSION: MORE POSSIBILITIES.





As we have described, Layher is a family-owned business. But it is a pretty big family. In fact, it comprises 1,500 men and women, to be found in all four corners of the world; and it is a family that continues to grow. People who love to be part of a team, who give their all, and share a certain degree of obsession with all things scaffolding, feel at home at Layher – and everyone can develop his or her abilities within a company that is dynamic, open, and committed to fair play.

Layher's success depends upon the enthusiasm and dedication of its employees: people who share our commitment to quality and customer service, no matter where they work, be it in development, production, sales or management. It is this shared mission and vision that form the basis for long-term partnerships with our customers.



# FOR OUR CUSTOMERS, WE GO BEYOND THE LIMITS. AND WE GO BEYOND FRONTIERS.

LAYHER KEEPS CLOSE TO ITS CUSTOMERS, IN TERMS OF SERVICE AND IN TERMS OF GEOGRAPHICAL PROXIMITY. WHEREVER OUR CUSTOMERS NEED US, WE WILL BE THERE – WITH OUR ADVICE, ASSISTANCE AND SOLUTIONS.

Through a global network of subsidiaries and distribution partners, we ensure that 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 the demands of regional markets at all times. We are therefore well equipped to deliver the right solutions, with the right people, in the right place. And we continue to extend and enhance our international network – because we know that being close to our customers makes more possible for them.



## LAYHER SUBSIDIARIES

### ▶ EUROPE

Austria, Belgium, Bulgaria, Denmark, France, Greece, Hungary, Italy, Lithuania, the Netherlands, Norway, Poland, Romania, Russia, Serbia, Spain, Sweden, Switzerland, Turkey, UK

### ▶ NORTH AMERICA

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

### ▶ SOUTH AMERICA

Argentina, Brazil, Chile, Colombia, Ecuador, Peru

### ▶ AFRICA

Morocco, South Africa

### ▶ MIDDLE EAST

United Arab Emirates

### ▶ ASIA

Kazakhstan, India, Singapore

### ▶ OCEANIA

Australia (New South Wales, Queensland, Western Australia), New Zealand

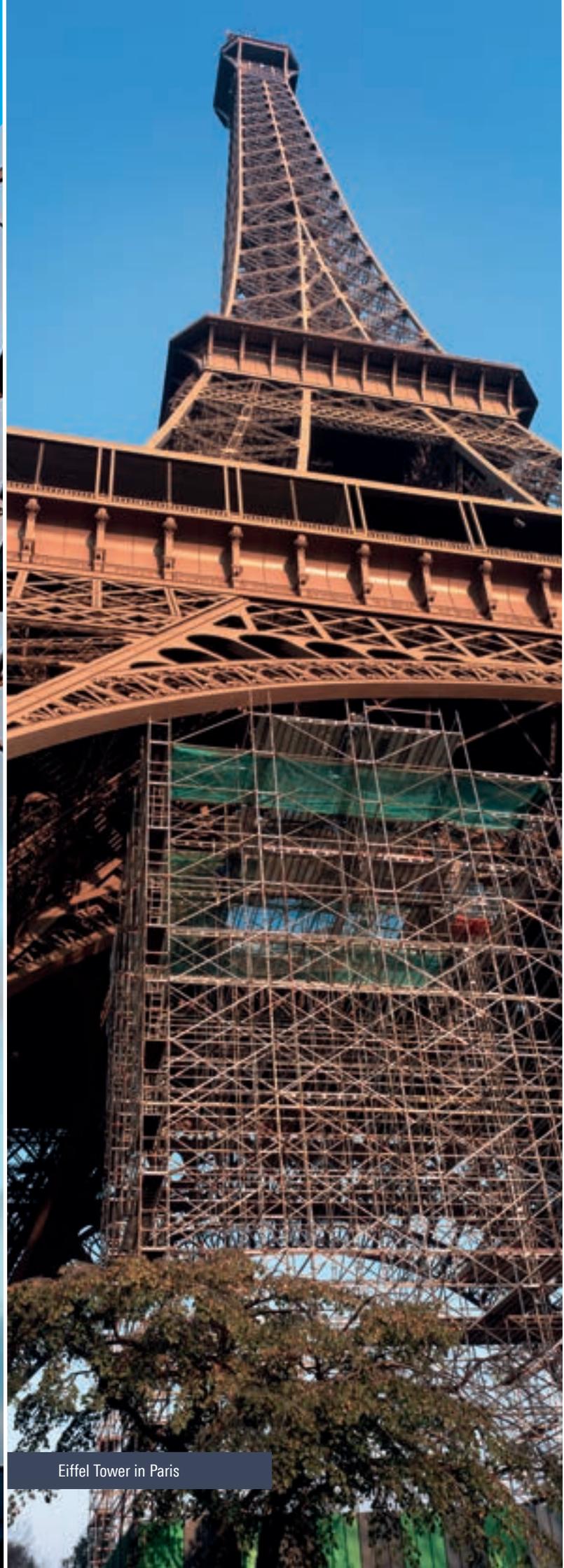


The Layher international network extends to all key markets. We therefore understand the local culture, and the local market, and gear our products and services to the needs of our customers accordingly – we are also able to advise customers who wish to become more international and penetrate new markets.

# MASTERPIECES OF SCAFFOLDING.



Big Ben in London



Eiffel Tower in Paris



TV Tower in Brasilia



Victory Column in Berlin

## OUR CUSTOMERS' SUCCESS IS OUR SUCCESS: TOGETHER, WE'RE ON THE WAY UP.

Continuity and a down-to-earth approach. Customer focus and dependability. Combined, they make for more possibilities. That is our mission, our brand promise. The people who make Layher what it is – our shareholders, our management and our entire workforce – will continue to show the right combination of commitment, enthusiasm, and good judgment, required to uphold the traditional values of our family-owned company, and to deliver sustainable, worldwide growth and technology leadership.

With the ultimate aim that our customers will continue to trust our brand, our expertise, and our solutions, and that they will continue to work with us in a true spirit of partnership.





DEPENDABILITY  
CUSTOMER FOCUS  
FORWARD LOOKING  
CONTINUITY

**Layher**® 

More Possibilities. The Scaffolding System.

**Wilhelm Layher GmbH & Co. KG**  
Scaffolding Grandstands Ladders

Ochsenbacher Strasse 56  
74363 Gueglingen-Eibensbach  
Germany

Post Box 40  
74361 Gueglingen-Eibensbach  
Germany  
Telephone +49 (0) 71 35 70-0  
Telefax +49 (0) 71 35 70-2 65  
E-mail [export@layher.com](mailto:export@layher.com)  
[www.layher.com](http://www.layher.com)

