

LAYHER SYSTEM SOLUTIONS FOR SHORING AND PROPPING



Quality Management Certified
- meets all ISO 9001:2008 by
TÜV-CER

Shoring accessories and complementary systems to transform your Layher scaffold into high load capacity shoring systems

OUR PRODUCTS ARE THE RESULT OF HANDS-ON EXPERIENCE AND DESIGNED TO DELIVER PRACTICAL BENEFITS

The development process is determined by how the product will be utilized. First, our engineers create the initial design, taking into account current standards and calculation methods. Next, prototypes are built and tested using an in-house device as well as at selected customer sites. Once the tests are successful, the prototypes are put into production.



INNOVATION ENABLES LAYHER TO PROVIDE OUR CUSTOMERS MORE OPTIONS AND GREATER POSSIBILITIES

Layher scaffolding products are durable, compliant with all applicable standards, and fully combinable with one another. The focus of our development is always on the integration of new products and on improving safety during assembly and dismantling of scaffolding.



SAFETY: A KEY COMPONENT OF LAYHER PRODUCTS

LAYHER LIGHTWEIGHT – THE NEW DIMENSION IN SCAFFOLDING

New materials, new production processes and design improvements make our systems lighter, faster, stronger – and even more economical.



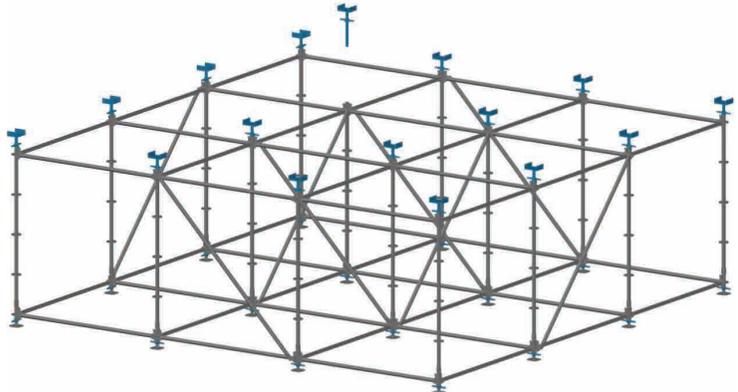
UNIQUELY FLEXIBLE

ALLROUND® SYSTEM

Layher Allround Scaffolding has become a synonym in the marketplace for modular scaffolding. The fast, bolt-free system technology with AutoLock function permits connections that can be automatically right-angled, or with a variety of other angles as required -- all with built-in safety.

The Allround system's flexibility offers an unmatched variety of uses, including scaffolding for work sites, protection, façades, or for support as internal/birdcage scaffolding or as rolling towers. It is the ideal choice for the most difficult layouts and the most restrictive safety requirements. Allround is used in a number of industries: construction, chemical plants, power stations, and shipyards.

The range of available accessories gives Allround Scaffolding its versatility to adapt to any need. With the correct engineered design and a few accessories specific for shoring, you can create the simplest bay or the largest structure for shoring and propping.

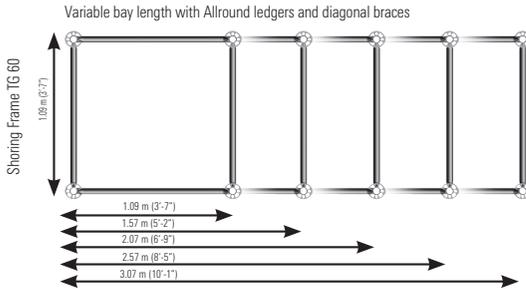


A MILESTONE IN SHORING CONSTRUCTION

ALLROUND SHORING TG 60®

Together with Layher Allround equipment, the TG 60 shoring frames (depicted in blue at right) create even more possibilities. With TG 60, shoring can be built thirty percent faster, higher, stronger, and safer. The TG 60 shoring frames, available in three sizes, are made of extra-strength steel tubing and are provided with Allround rosettes. The TG 60 frames are an integral part of Allround Scaffolding and can be integrated without any problems into any birdcage scaffolding.

TG 60 shoring towers can be easily adapted to the specific needs of the structure, terrain, or configuration/dimension of the formwork supports. The ground plan of the TG 60 is due to the 1.09 m wide frames and the Allround ledgers used, from 1.09 m (3'-7") to 3.07 m (10'-1").



The TG 60 can also be used as a substructure for pre-assembled slab tables. Thanks to a tension-proof connection of the head jacks with the slab tables, the unit can be moved by crane complete and in a time-saving way. With attached wheels, the slabs can be moved horizontally inside a storey level.

The innovative assembly sequence and the integrated access aid make the assembly of a shoring tower safer than ever before. During upright assembly, you are always protected by an automatically integrated side protection – without the need for additional safety equipment.



STRONGER, FASTER, SAFER

ALLROUND HEAVY DUTY SHORING

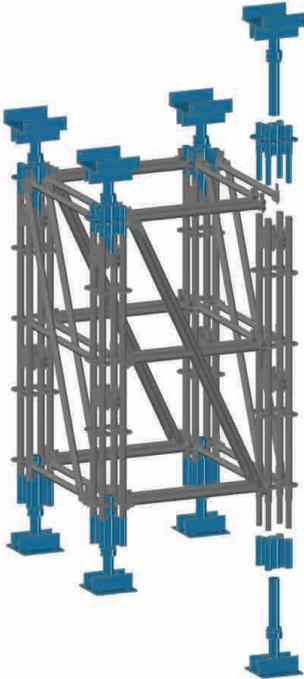
With Allround Heavy Duty Shoring, support structures for formwork on massive floors can be constructed easily, quickly and safely. Combining the Allround system with 4 HD shoring parts enables the load capacity to be multiplied many times over.

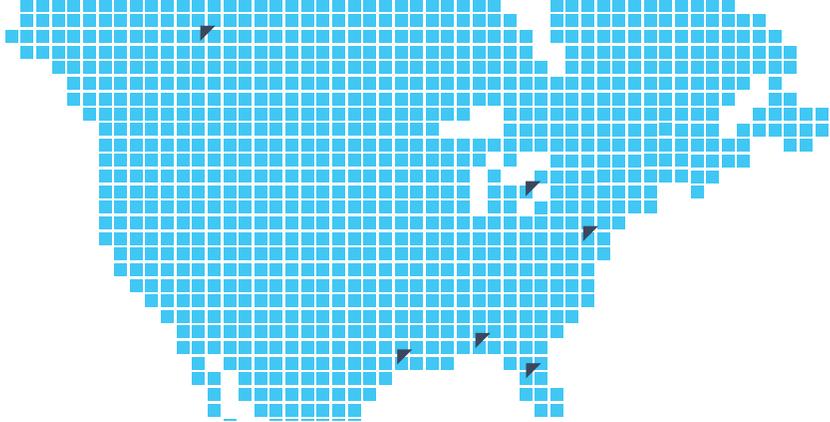
Access openings for floor conveyors or trucks can be provided thanks to flexible matching. Allround Heavy Duty opens up almost unlimited possibilities for shoring and supporting structures of every type.

Very high load-bearing capacities can be achieved by combining four Allround standards using double wedge-head couplers 1.0 m (3'-3") or 0.5 m (1'-7") apart.

The use of base plates and head jacks for the heavy-duty support, combined with appropriate top and bottom adapters, ensure concentric load transmission. The support can be used vertically, horizontally, or at an angle.

A 16-standard heavy-duty tower can be built by combining four heavy-duty supports using Allround O-ledgers and diagonal braces. Depending on the assembly height and wind load, the towers are rated for different load bearing capacities. The Allround system construction kit can be used to build towers of varying dimensions.





Proximity to the customer is a central factor behind Layher's success. Wherever our customers need us, we are there – with our advice, assistance and solutions.

Layher is your dependable partner with more than 70 years of experience. "Made by Layher" always means "Made in Germany" too – and that goes for the entire product range. Superb quality – all from one source.



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Allround Scaffolding



System-free Accessories



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More Possibilities. The Scaffolding System