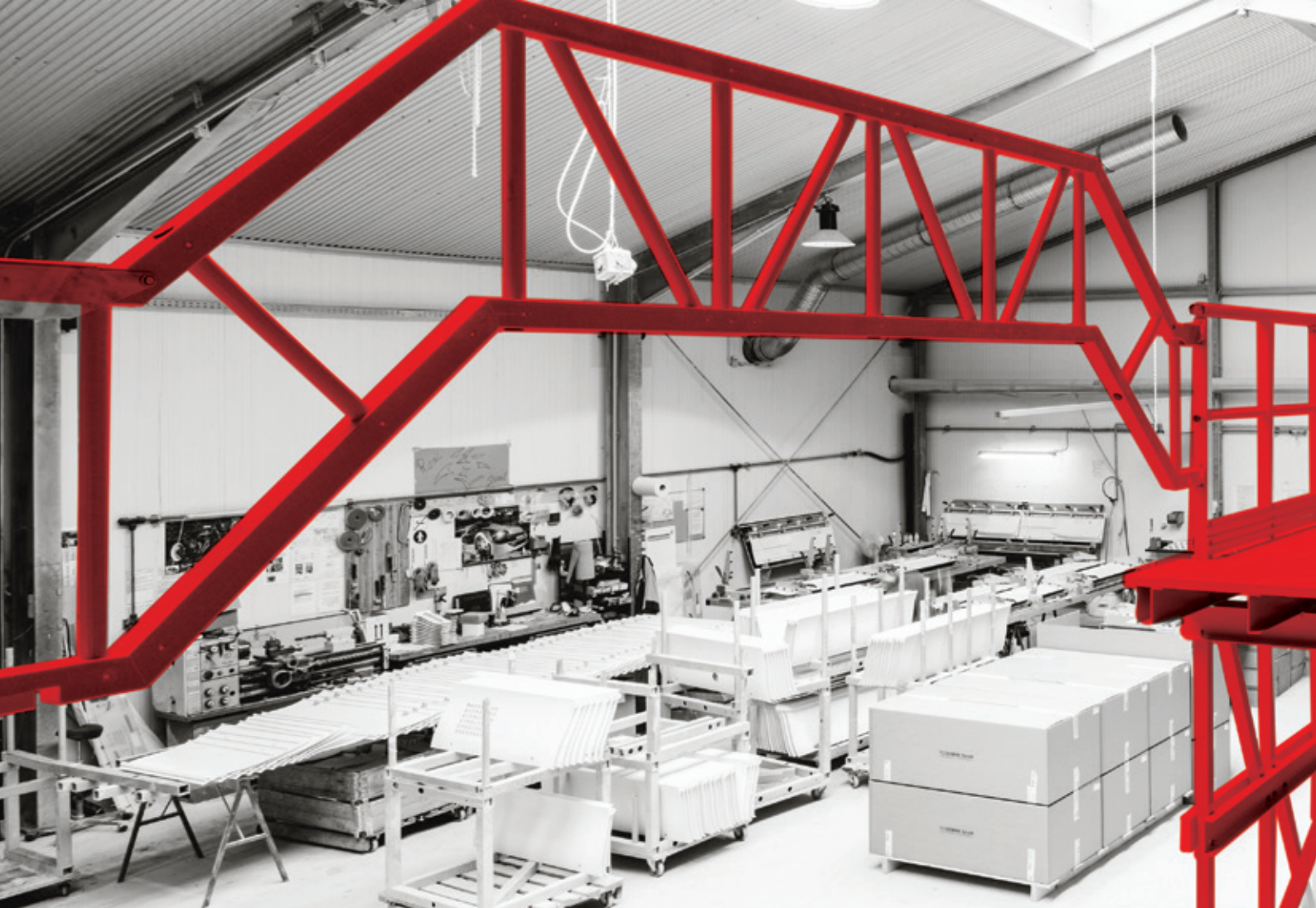




GRP solutions for the chemical industry.

Safe. Corrosion-resistant. Practice-oriented.



Where other materials reach their limits.

Solutions by Techno Composites Domine GmbH, TC for short, have been used successfully in the chemical industry and plant and cooling tower construction for many decades. Wherever other materials reach their limits, structures of glass fibre reinforced plastic (GRP) score with significant technical advantages: they are suitable for use in very corrosive environments, they are mechanically durable and can be customised specifically to your requirements.

Minimum weight, maximum safety

Fibre-reinforced composites are considerably lighter than metals. Our GRP structural profiles are also highly resistant to corrosion and weathering. They are non-conductors and furthermore resistant to a large number of chemicals. Due to their low weight, the structures can often be transported and erected without using cranes. Adjustment on site is straightforward and safe – unlike with metals, there are no flying sparks.



Mobile special platform for use in the chemical industry, designed and built by TC Techno-Composites Domine GmbH based in Meppen, Lower Saxony.

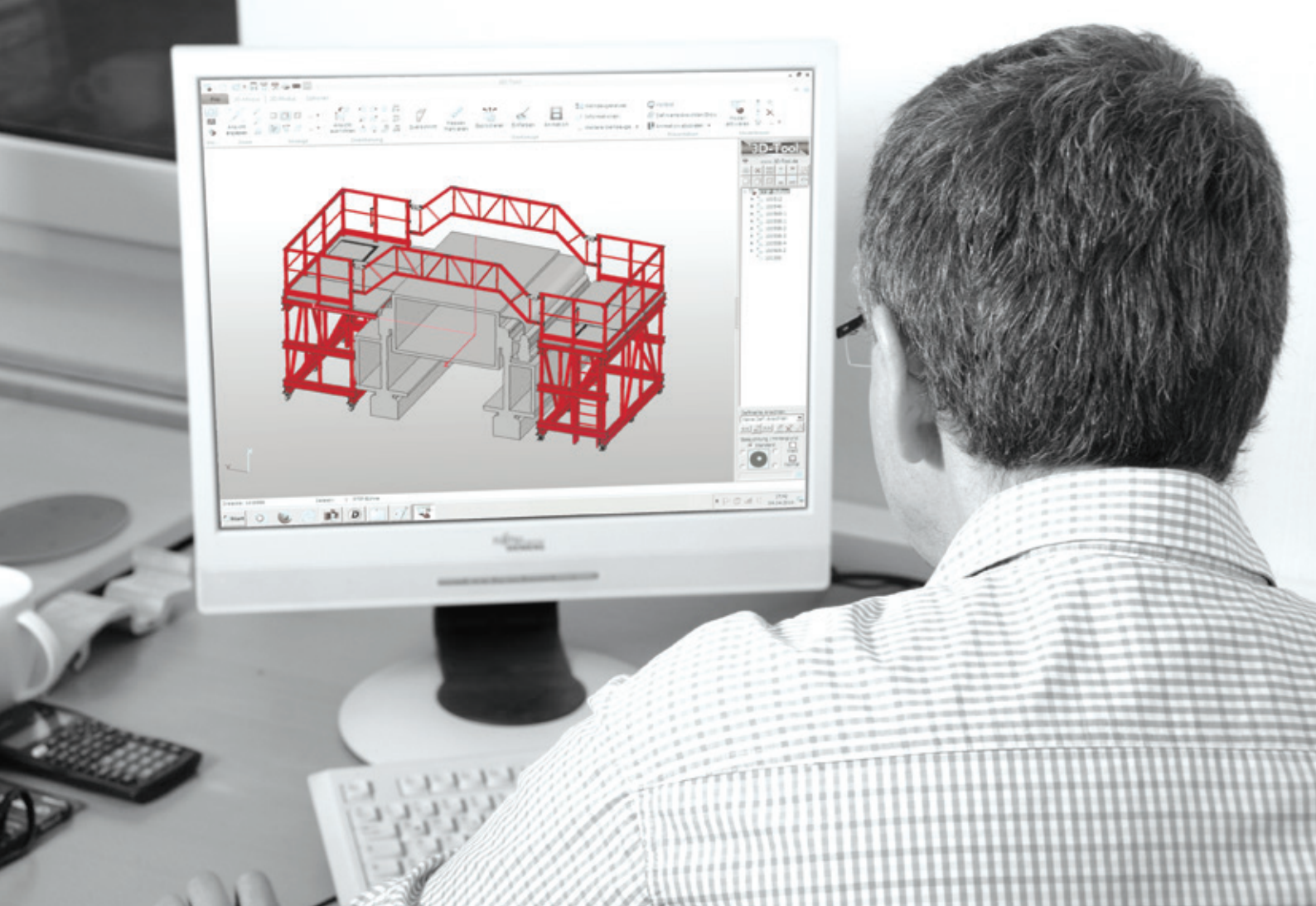
High-quality profiles

Our high-quality GRP profiles are manufactured using the pultrusion process. Pultrusion makes it possible to produce GRP profiles of consistently high quality. The profile quality is determined via mats and rovings, the resin system and the additives.



GRP in the chemical industry

- Resistance in corrosive environments
- Machining and installation without flying sparks
- Resistance to weathering
- Low thermal conductivity
- Electrical insulation
- High strength with low weight
- Cost-effective in transport and handling
- Easy adjustment on site



Reliable solutions.

With our experience and relevant expertise we are a reliable partner to companies in the chemical industry. We offer custom-designed structural solutions that meet the highest requirements for safety, durability and quality.

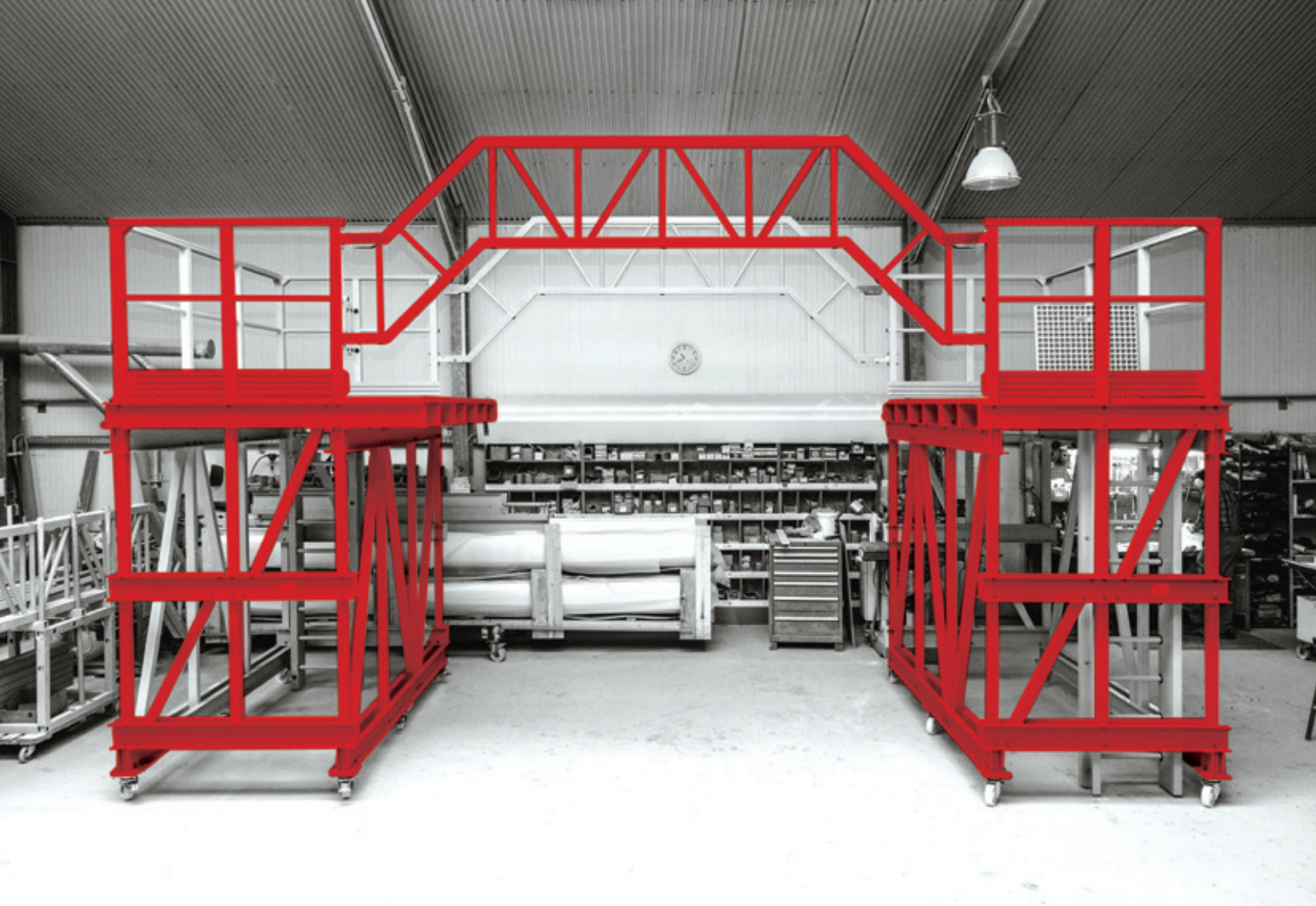
Certified quality

All TC structures are usually developed in accordance with DIN EN ISO 14122. Qualification to DIN EN ISO 9001:2015 confirms the excellence of our quality management. The pultruded GRP structural sections by Exel Composites comply with EN 13706/E23.

Reliable full-range supplier

We can offer our customers a wide range of services, from engineering and production to installation on site. As a medium-sized, owner-managed company we always have the interests of our clients in mind. You know your TC contact. And we know your business.

- Detailed CAD designs
- Special designs
- Advice with regard to safety regulations and specifications
- Provision of verifiable statics
- Prefabrication of components and installation on site



Development, production and installation – TC is the system supplier of high-quality GRP structures for the chemical industry.

More than 25 years of experience

Established in 1994 in the city of Haselünne, the TC company can be described as one of Germany's leading specialists for sophisticated GRP structures. More than 40 qualified employees work in development, production and assembly at the TC company headquarters and production site in Meppen, Lower Saxony. GRP special structures can be manufactured cost-effectively in a state-of-the-art machining facility with several 5-axis CNC machines.

Quality management
DIN EN ISO 9001:2015

FEM calculations

Verifiable static calculations by an independent engineering firm

Installation crews with practical experience in the chemical industry

Proven solutions for the chemical industry.

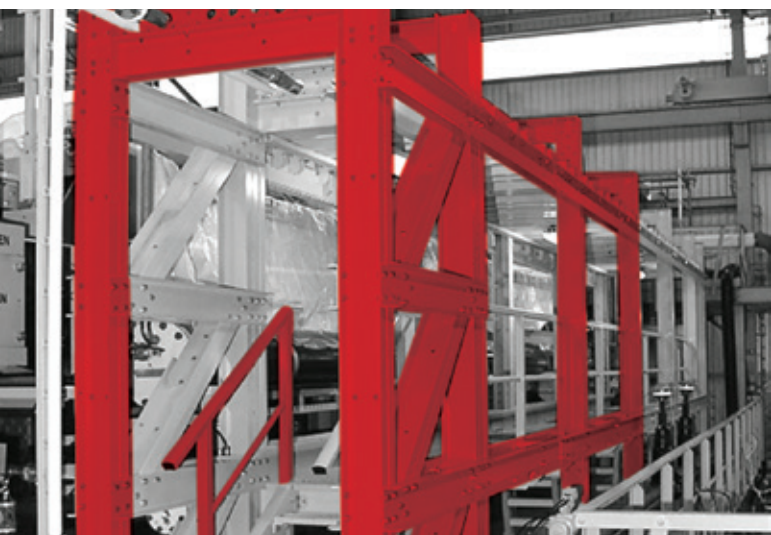
GRP structures by TC have been used in the chemical industry or in plant and cooling tower construction for decades. We represent design solutions that are thought out down to the smallest detail and that meet every customer requirement. Our designs are impressive thanks to excellent material properties and high-quality workmanship. This makes them particularly durable and safe.



Robust, mobile access platforms

In large complex plants in particular, areas that are difficult to access for maintenance can only be reached via mobile landings or platforms. TC will develop special platforms made of GRP for you – a cost-efficient and safe solution.

Use TC special platforms for areas susceptible to corrosion. The GRP structures provide good electrical insulation and thanks to their low weight, they can be erected in hard-to-reach areas: quickly, easily and without the use of heavy machinery.



Inspection platforms in chemical plants

As a system supplier for the chemical industry and plant construction, TC has already developed and produced a large number of inspection platforms, guard rails, stairways and access platforms. Our range also includes fall protections, non-metal side walls, system enclosures and cable towers. Simply give us a call.

We work for

Nouryon

Aurubis

Bayer



BASF
The Chemical Company

DOW





GRP splashguard with sliding door

TC has already designed high-end GRP splashguard solutions for various customers in the chemical industry. The scope of services included not only engineering but also production and installation on site.

The GRP splashguard and touch guard systems by TC are specifically tailored to the customer's requirements. We find a simple, practical solution to ensure the protection of your plant staff.



Individual catwalks, tailored to your application

This catwalk made of GRP satisfies stringent requirements for safety and durability: on the one hand due to the rugged material, and on the other hand due to professional design and workmanship.

The joints are often the weak spot in GRP structures. Not in ours. TC structures are basically designed so that the joints withstand all loads in practical use.

Want to know how that works? Contact us.

INEOS

inovyn

LANXESS
Energizing Chemistry

SALZGITTERAG
Stahl und Technologie

TECTRION

ThyssenKrupp



Customised solutions.

Need a customised special structure for an application within the chemical industry? Looking for a system supplier who will take care of everything from engineering to installation? Then please get in touch with us! Our experienced team will be happy to work out practical solutions for challenging applications.

Techno-Composites Domine GmbH

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