

INDUSTRIAL CLEANING 

TANK CLEANING 

SCAFFOLDING 

INSULATION 

CATALYST HANDLING 

REACTOR SERVICE
INSTALLATION 

SHUTDOWN MANAGEMENT 

PLANT AND EQUIPMENT CONSTRUCTION 

AUTOMATION AND I&C 

CIVIL ENGINEERING



### Professional industrial services from one source









#### 2 // COMPANY



### FULL SERVICE. FOR INDUSTRY.

The Rohrer Group has been specialising in a comprehensive service for industrial plants for more than 40 years. The company that is still family-run today was founded in 1975 and has developed into a strong global player. A dense network of branches all over Europe and in the Middle East guarantees a technically high level of service quickly. The Rohrer Group combines a whole variety of different expertise into one full package of services.

Great importance is placed on safety with all projects. Occupational health and safety and the best protection for plants and machinery are an integral element of any project planning.

Our professional specialists work with state-of-theart equipment. Personal commitment and a high degree of flexibility lead to solutions that are economically and technically impressive across the board.

#### SUMMARY OF SERVICES // 3



### WITH MAXIMUM SAFETY. IN TOP QUALITY.

- Industrial cleaning
- Tank cleaning
- Scaffolding
- Insulation
- Catalyst handling & reactor service
- Installation & shutdown management
- Plant and equipment construction
- Automation and I&C
- Steel engineering
- Electrical engineering
- Pipe and drain cleaning
- Civil engineering



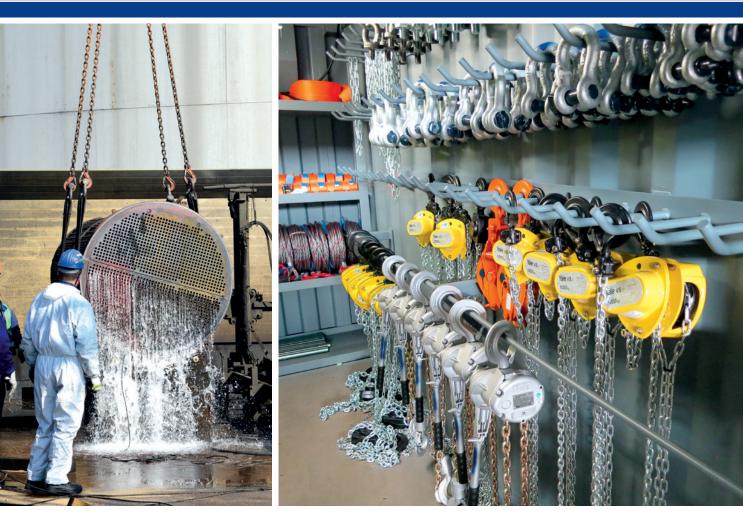
#### 4 // INSTALLATION AND SHUTDOWN MANAGEMENT



### PROFESSIONAL PROJECT MANAGEMENT.

You get everything you need conveniently and reliably from one source. Experienced project managers carry out every installation including professional shutdown management safely. All trades are integrated into a transparent overall plan. The downtime costs are kept to a minimum thanks to a reduction in interfaces and the seamless transitions between the process phases.





### RELIABLE AND TRANSPARENT.



- Advanced planning/scheduling
- Validation and budget tracking
- Project management with monitoring of safety, quality and deadlines
- Classic disassembly and reassembly
- Plant improvements
- Project reviews

#### 6 // PLANT AND EQUIPMENT CONSTRUCTION



### A STRONG PERFORMANCE.

The terms quick, efficient and cost-effective hit the nail on the head when it comes to describing the Rohrer Group's plant and equipment construction services. Professional skilled personnel always find the best solution for repairs, replacing plant parts and upgrades.

The Rohrer Group evidences its expertise and quality through international authorisations, even in the extremely demanding segment of nuclear plants.





# IN TOP QUALITY.



- Concept design
- Engineering from the design to preparation of inspection documents
- Manufacturing at our own production facilities
- Acceptance inspections and documentation
- Installation and commissioning

#### 8 // INDUSTRIAL MAINTENANCE

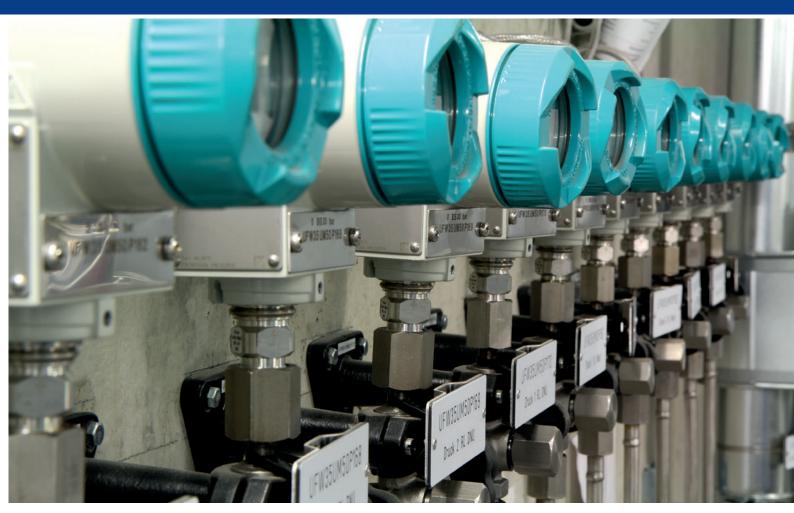


### PERFECT FUNCTIONS. FOR MAXIMUM PERFORMANCE.

Improved maintenance processes maximise plant productivity and minimise ongoing operating costs. Use our service of providing qualified personnel onsite at short notice in this area too.

- Service contracts for pipework construction and plant maintenance
- On-site support with regular maintenance and inspections
- Support with plant problems and planned shutdowns
- Plant monitoring
- Project management

#### AUTOMATION/I&C // 9

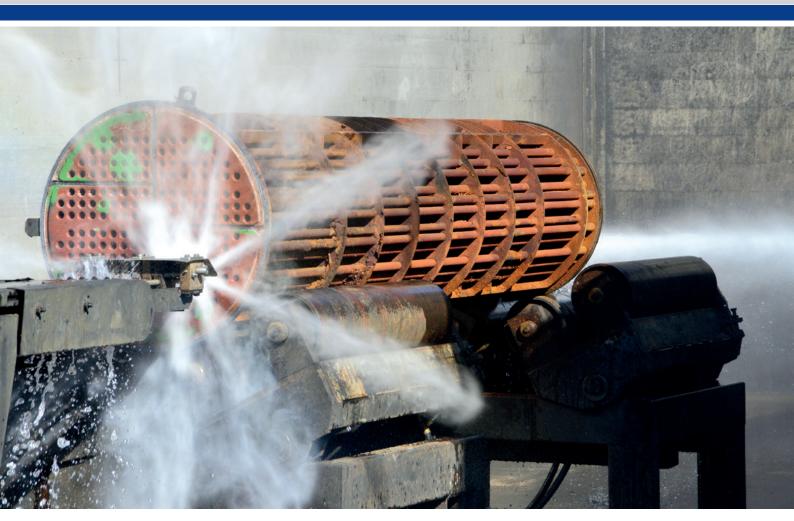


### CUSTOMISED SOLUTIONS. WITH FIRST-CLASS FUNCTIONALITY.

The Rohrer Group supports you in developing and implementing customised system solutions for the process and manufacturing industry. We produce detailed analyses of the current situation and create solutions geared to the future that prove themselves in practice.

- Process analysis and concept design
- Project engineering
- Manufacturing of control systems
- I&C installation and commissioning
- Plant supervision throughout its entire lifecycle

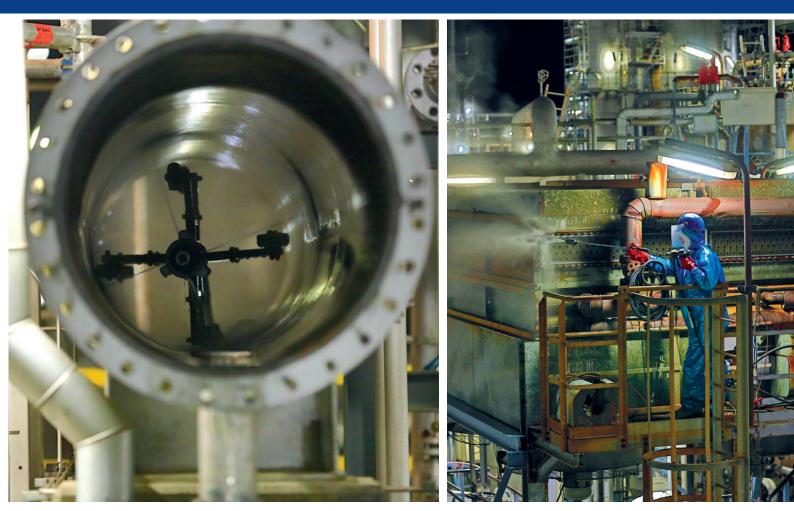
### 10 // INDUSTRIAL CLEANING



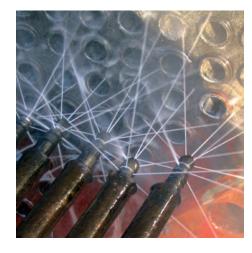
### INNOVATIVE TECHNOLOGY.

Rely on the Rohrer Group's knowledge and expertise in the field of industrial cleaning too. We achieve the best results in any industrial sector using state-of-theart equipment and innovative cleaning technologies. Our teams receive regular further training and are therefore always up-to-date with their knowledge.





# POWERFUL TECHNOLOGY.



- Ultrahigh pressure water jet cleaning up to 3,000 bar
- Suction works/high performance vacuum trucks
- Transport of products and residues
- Hazardous goods transport
- Waste management
- Mobile washing sites/boxes
- Chemical cleaning
- Cleaning of pipework and drains
- Cleaning using tank and pipe rotor jets
- Column cleaning
- Container and plant cleaning

### 12 // TANK CLEANING



## GROUND-BREAKING DEVELOPMENTS.

The Rohrer Group has been impressing an international clientele in tank cleaning for decades. With expertise and experience we develop customised cleaning solutions for any size tank.

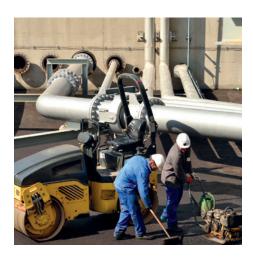
- Turbo mix process to reduce residue in crude oil tanks
- Flushing lance process for crude oil and product tanks
- No men entry system
- Mobile torching facilities to minimise emissions
- Oil sludge separation using centrifugal technology



#### CIVIL ENGINEERING // 13



### SUSTAINABLE COMPLETE REFURBISHMENT.



As another highlight in the service portfolio, the Rohrer Group carries out structural maintenance for the chemical and petrochemical industries as a general contractor. Experienced teams complete refurbishment projects for you from scaffolding to handing over the finished building.

- Refurbishing cooling towers
- Revitalising tanks
- Maintenance work on pipe bridges
- Removing and repairing concrete
- All construction and civil engineering services

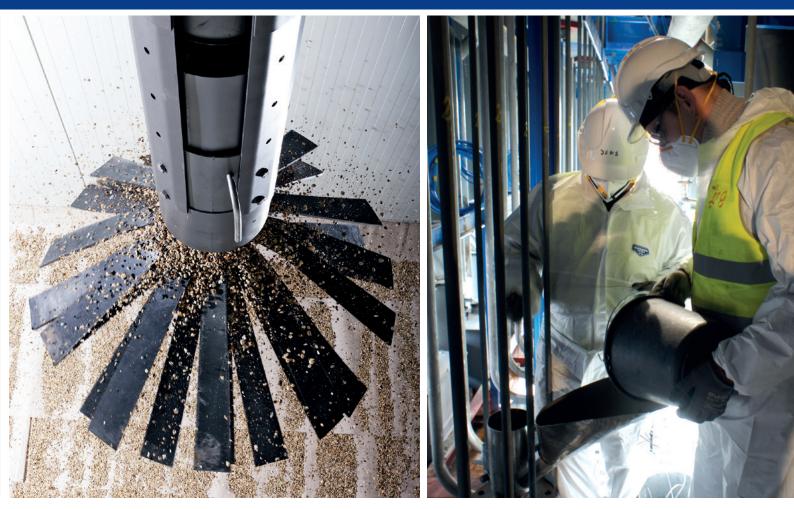
### 14 // CATALYST HANDLING AND REACTOR SERVICE



### SPECIAL EQUIPMENT.

The Rohrer Group has sound expertise and special equipment for loading and unloading catalysts and for all disassembly and installation work and inspection jobs in an N2 atmosphere. Be it in the petrochemical or chemical industry – we offer efficient solutions with maximum safety.



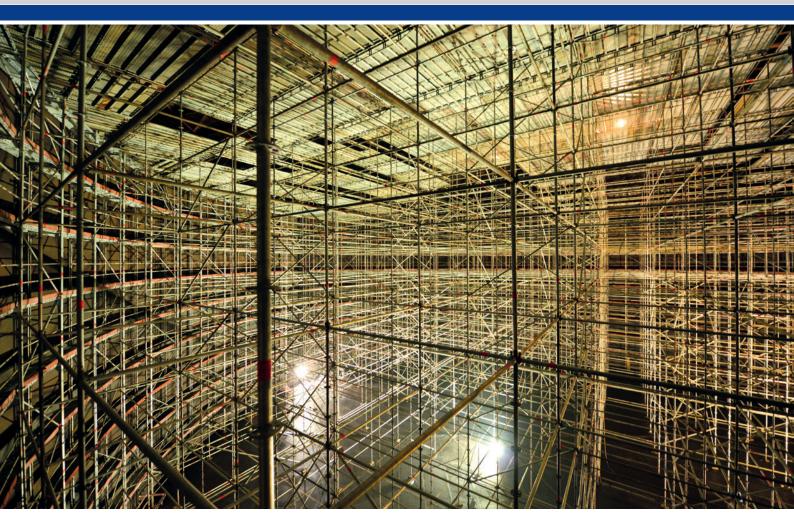


### FOR MAXIMUM SAFETY.



- Moving tanks/reactors in an N<sub>2</sub> atmosphere
- Careful vacuuming of catalysts using special vacuuming equipment
- Sieving of catalysts and spheres
- Disassembly and assembly work for reactor installations in an N<sub>2</sub> atmosphere
- UDL Unidense technology
- EDL Edelhoff dense loading
- Digital dP measuring
- Video inspections for reactors and process furnaces
- Mechanical internal and external pipework cleaning

#### 16 // SCAFFOLDING



### WELL EQUIPPED. FOR ANY PROJECT.

The Rohrer Group also has a great deal of experience and develops the right concept for any requirements in scaffolding for industrial plants. Standardised Layher scaffolding material and experienced employees guarantee solutions that meet and in fact exceed our customers' safety and quality requirements, objectives and demands.

As a result of our extensive personnel and material resources we are able to carry out projects on any scale in the shortest time possible.





### THE RIGHT SOLUTION FOR ANY REQUIREMENT.



- Working, protective and façade scaffolding
- Hanging scaffolds
- Heavy load scaffolding
- Moving scaffolds
- Material and passenger lifts
- Weather protection
- Special constructions
- Offshore scaffolding

#### 18 // INSULATION



### PROFESSIONALLY INSULATED.

We can complete all insulation projects from the planning to prefabrication to assembly under one roof. This saves time and money. We process all standard materials and also meet the strictest requirements in cold insulation using special foam technology.

Mobile CNC prefabrication systems guarantee additional flexibility and savings in time.





### WITH IMPRESSIVE RESULTS.



- Thermal insulation
- Cold insulation
- Fire insulation
- Mattress insulation
- Electrical trace heating
- In-house prefabrication plants





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