



NIROTECH
Stainless Steel Manufacturing



80 % stainless steel	20 % steel construction	3000 tonnes of production
2001 foundation year	4 production halls	8 million turnover
23 years of experience	107 people	1 vision



about us

Nirotech is a reliable partner for the production, machining and surface finishing of stainless steel. We are a stainless steel manufacturing company with many years of experience and are proud to support customers in all areas of industry. Our partners value our quality, reliability and flexibility. We offer customised solutions for the mechanical engineering industry and support our customers from sheet metal production to the assembly of components and complete systems.



we are welding together

Nirotech is known for its many years of experience and high quality standards. As a specialised contract manufacturer for stainless steel products, Nirotech offers a wide range of manufacturing processes, such as machining, non-cutting shaping, thermal cutting, welding and surface finishing. The company prioritises close cooperation with customers and suppliers in order to find and realise individual solutions. In this process, Nirotech focuses on modern technologies and continuous employee training. With [certification according to EN ISO 3834-3, EN1090-2 and ISO9001:2015](#) as well as a high level of environmental awareness, Nirotech takes responsibility for quality, environmental protection and sustainability.



mission

Our **mission** at Nirotech is to provide our customers with customised solutions that meet their requirements and expectations through our passion for stainless steel and our commitment to quality and service. We work very closely with our customers to understand their individual needs and successfully support them with our many years of experience and expertise in sheet metal production, welded constructions, steel construction, mechanical engineering and many other areas.

vision

Our **vision** to be the first choice in the stainless steel industry by continuously investing in our people, skills and technology, and standing out from the competition through our constant focus on quality and service, is what allows us to meet the requirements of our customers. Our goal is to be a reliable and trustworthy partner for our customers and to support their success through our commitment to stainless steel and our passion for outstanding performances.



values

quality

We focus on the quality of our products and services in order to meet and even exceed the expectations and requirements of our customers.

integrity

We always work honestly, openly and transparently and comply with our ethical and moral standards.

innovation

We are constantly finding new ways to improve our skills and technologies in order to always offer our customers the best solutions.

co-operation

We work closely with our customers and partners to be successful together and build long-term relationships based on trust.

responsibility

We take responsibility for our actions and decisions and contribute to the well-being of our employees, customers, partners and the environment.



our production processes

We have a variety of manufacturing processes that enable us to fulfil our customers' requirements in terms of construction, quality and functionality. Our machining processes include drilling, deep-hole drilling, thread cutting, turning and milling. These processes enable us to produce precise and customised components and assemblies. In the field of non-cutting forming, we are able to carry out folding, bending, tube bending and separation processes such as cutting, punching, perforating and sawing. Our expertise in these processes enables us to maximise production efficiency while meeting the highest quality standards. In the area of thermal separation processes, we offer various welding processes such as gas-shielded welding, tungsten inert gas welding (TIG), metal active gas welding (MAG) and other fusion welding processes. We also offer stud welding. To ensure that our welding seams meet the highest quality standards, we carry out all-round post-treatment, including mechanical and chemical post-treatment. We are also experienced in mechanical surface treatment and offer a wide range of processes such as glass bead blasting, grinding, pre-grinding, fine grinding, brushing, polishing, high-gloss polishing and much more. In the area of chemical surface treatment, we offer pickling and passivation, electropolishing and painting. **We ensure that our processes meet the highest quality standards and that we always achieve a high level of customer satisfaction.**



welding

inert gas welding
tungsten inert gas welding (TIG)
metal active gas welding (MAG)
other fusion welding processes
stud welding
post-treatment of weld seams
mechanical post-treatment
chemical post-treatment

machining shaping

drilling
deep hole drilling
thread cutting
turning
milling

mechanical treatments

glass bead blasting
cleaning grinding
pregrinding
finish grinding
fine grinding
brushing
polishing
mirror polishing

chemical treatments

pickling and passivation
electropolishing
painting

cutting processes

cutting
punching
perforating
sawing
thermal processes

non-cutting forming

folding
bending
tube bending



machinery

Our products are manufactured in a flawless production process that requires the use of reliable and efficient machines. Our modern facilities and tools form an essential basis for the manufacture of high-quality products. **In order to be able to offer our customers an even broader product portfolio, we are continuously working on modernising and expanding our production technologies.** By investing in new machines and systems, we ensure that we are always at the cutting edge of technology. This enables us to realise even the most challenging projects and offer our customers individually created solutions. We rely on a combination of proven technologies and the latest developments to achieve the highest level of quality and efficiency.



laser

CNC laser cutting machine

Trumpf TruLaser 1060 Fiber

6000 x 2500 mm

6000W

Stainless steel up to 25mm

plasma

CNC plasma cutting machine

Komatsu G9120-II

8000 x 2000 mm

milling

CNC milling machines

MTE KT4200

4.000 x 2.000 x 1.400mm

maximum unit load 13.000 kg

MTE BF4200

4.000 x 1.500 x 1.000mm

maximum unit load 12.000 kg

Soraluce TE400

4.000 x 1.200 x 1.000mm

maximum unit load 12.000 kg

Mikron VC750

750 x 600 x 600mm

maximum unit load 550 kg

bending

CNC press brake

Trumpf Trabend 3120

3000mm

120 tonnes

Haco ERM 70500

7000mm

500 tonnes

deep hole drilling

CNC deep hole drilling machine

Horizont B3N6000

up to 6.000mm

diameter according to requirements

welding

manual arc welding 111

metal active gas welding 135

tungsten inert gas welding 141

gas fusion welding 311

Laser welding

Carbon steel

Stainless steel

Duplex

Super Duplex

aluminium

Mixed joints

1.4 - 44mm wall thickness

Non-destructive testing [co-operation]

turning

CNC turning machine

Böhringer VDF DUS 560

4000mm

diameter up to 320mm

Voest DA300

2300mm

diameter up to 260mm

Opening up to 60mm

Surface treatment

glass bead blasting facility

4.000 x 15.000 x 4.000mm

200 – 300 μ

pickling facility

4.000 x 15.000 x 4.000mm

coating

Painting [co-operation]

Powder coating [co-operation]

Galvanising [cooperation]

Electropolishing [co-operation]

Phosphating [co-operation]

additional cutting options

oxyfuel [co-operation]

band saws

hand plasma

impact shears

water jet cutting [co-operation]

pipe laser cutting [co-operation]

our experiences

Assemblies, agitators, basins, boilers, covers, carts, container construction, conveyor belts, custom-made products, exhaust systems, filter systems, filters, frames, frame construction, heat exchangers, hoods, housings, hoppers, mechanical engineering, milled parts, material handling, plate heat exchangers, Piping, Piping systems, Precision parts, Pressure pipes, Pressure vessels, Prototype construction, Roller conveyors, Rollers, Screws, Separators, Shafts, Sheet metal work, [Stainless steel welded constructions](#), Silos, [Steel construction](#), Storage tanks, Tank construction, Troughs, Turned parts, Vacuum tank construction.



from the following industries

consumer goods industry
light industry

food industry
textile industry

chemical industry

mineral oil industry
pharmaceutical industry
paper industry
plastics industry
glass industry
cement industry

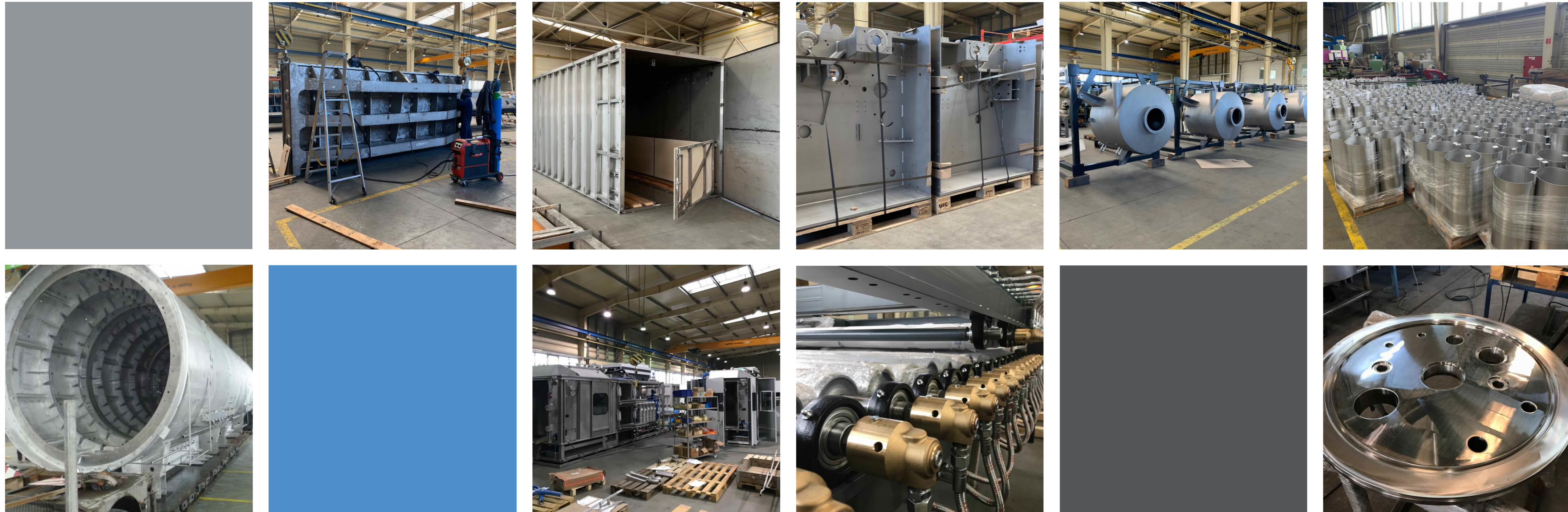
coal and steel industry
heavy industry
metal industry

iron and steel industry
mechanical engineering industry
automotive industry

recycling industry
waste industry



welded assemblies



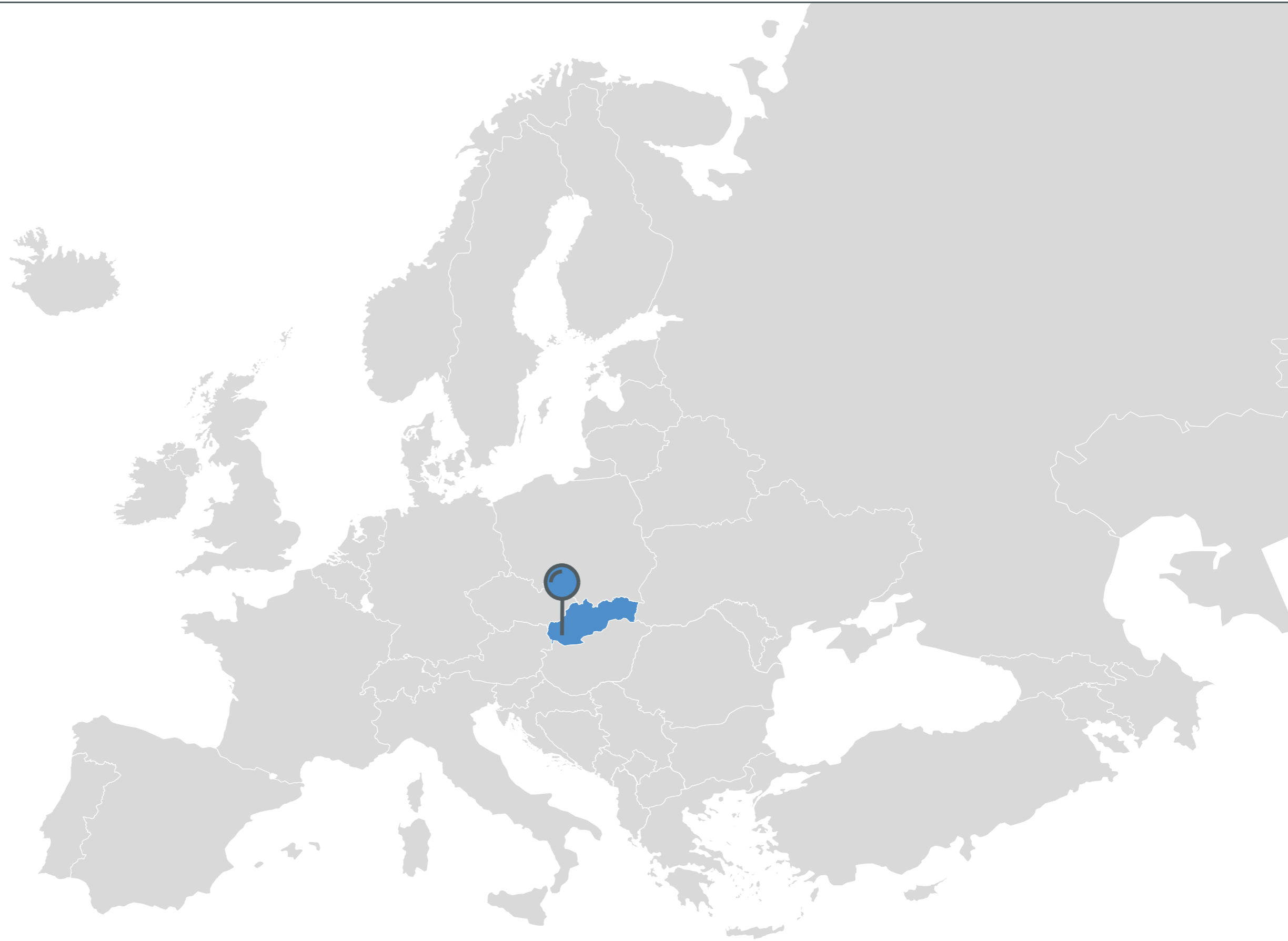
industrial equipment assembly

mirror polishing



come and visit us

We would like to invite you to visit our production facility and see us at work. See how we realise your ideas while maintaining the highest quality standards. Get to know us and witness our dedication to quality and precision. **We look forward to showing you why we are the right partner for your production needs.** Make an appointment with us today.

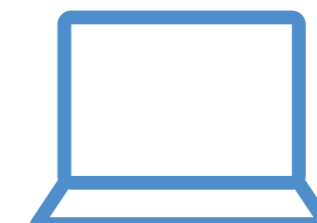


send your enquiry now

If you are interested in our products or services, you can contact us at any time. We will be happy to assist you in all matters related to the production, processing and surface finishing of stainless steel. We offer customised solutions for individual requirements and always set high value on quality. Contact us today and work with us to find the ideal solution for your requirements.



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