Your partner for welded steel constructions and machine components

Catalogue Legro

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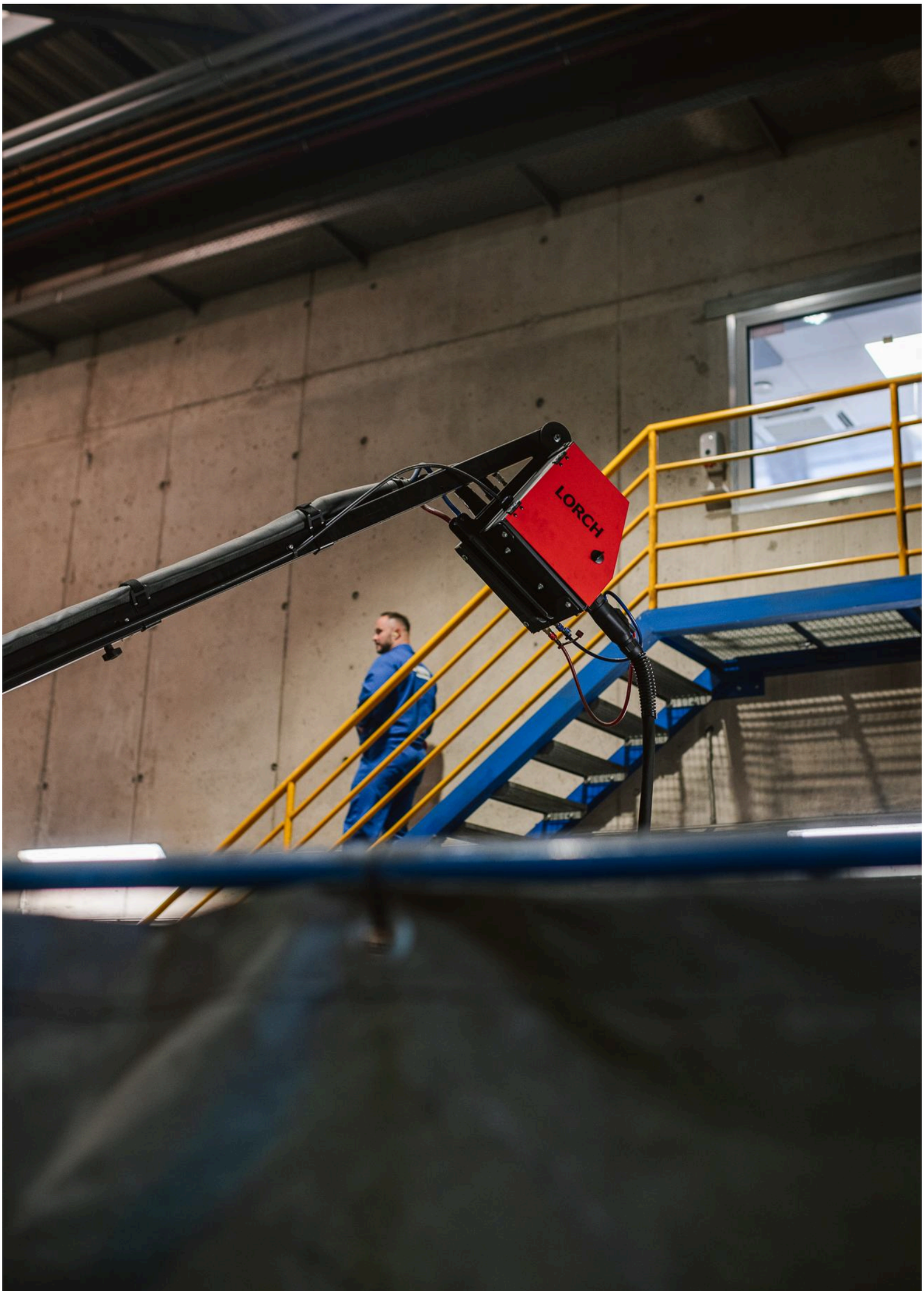
About us
Legro

LEGRO Slovakia was founded in 2005. During its existence, it has established itself on the European market as a reliable supplier and partner for heavy steel structures and machine components on the basis of its respective performance spectra. In the meantime, more than 80 employees have found employment in the modern manufacturing plant located in Kechnec. LEGRO Slovakia places great emphasis on the selection of employees as well as on the timeliness and quality of the work performed. The company is certified to EN 1090 EXC 2 and EN ISO 3834-2.

Our current machine park enables efficient production of heavy and medium sized steel structures, machine parts, tanks, common welded frames, structures and accessories according to the customer's requirements. We produce parts exactly according to the design documentation from our customers. Our team communicates fluently in German or English language.

In 2010, we started manufacturing safety fencing for machinery and plant equipment. We plan and supply complete assemblies according to the applicable DIN and EN standards. In the field of machine and plant protection, we offer professional product ranges to meet various demands and requirements. If required, the safety fences can also be installed on site.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Company values

Quality

Quality at all levels of activity, from design to delivery

Interest

An interest in the customer and in understanding their exact needs

Willingness

Willingness to find suitable, professional and cost-effective solutions for the customer

Reliability

Reliability and trustworthiness are our highest goals and values

Experience

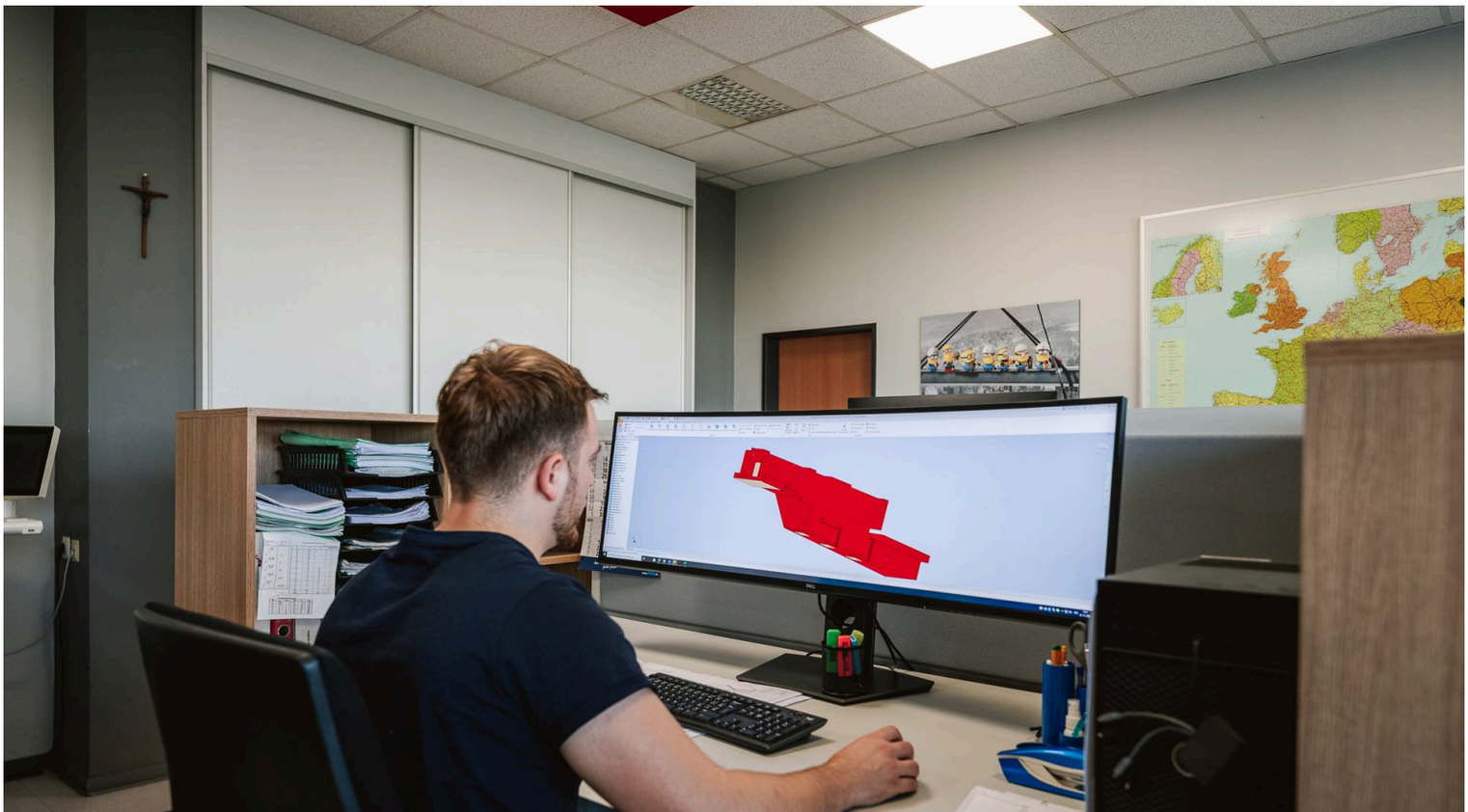
Numerous years of experience in the field of steel structure manufacturing and precision machine parts

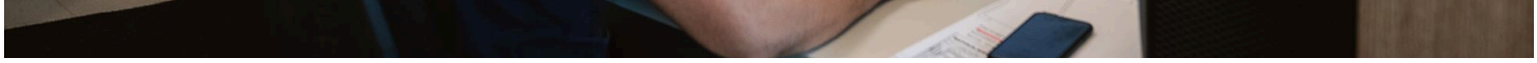
Production possibilities LEGRO Slovakia s.r.o.

We produce steel structures and machine components according to customer's design documentation. A wide range of technologies enables complex production operations from material cutting, welding, machining to surface treatment or pre-assembly if requested.

The backbone or our manufacturing operations include:

- Production of weldments from common steels up to 10,000 kg and 12m in length,
- drilling on CNC coordinate drilling machines up to 10m in length,
- milling on CNC horizontal milling machines up to 12m in length,
- wet painting and packaging according to customer requirements,
- pre-assembly of steel structures.



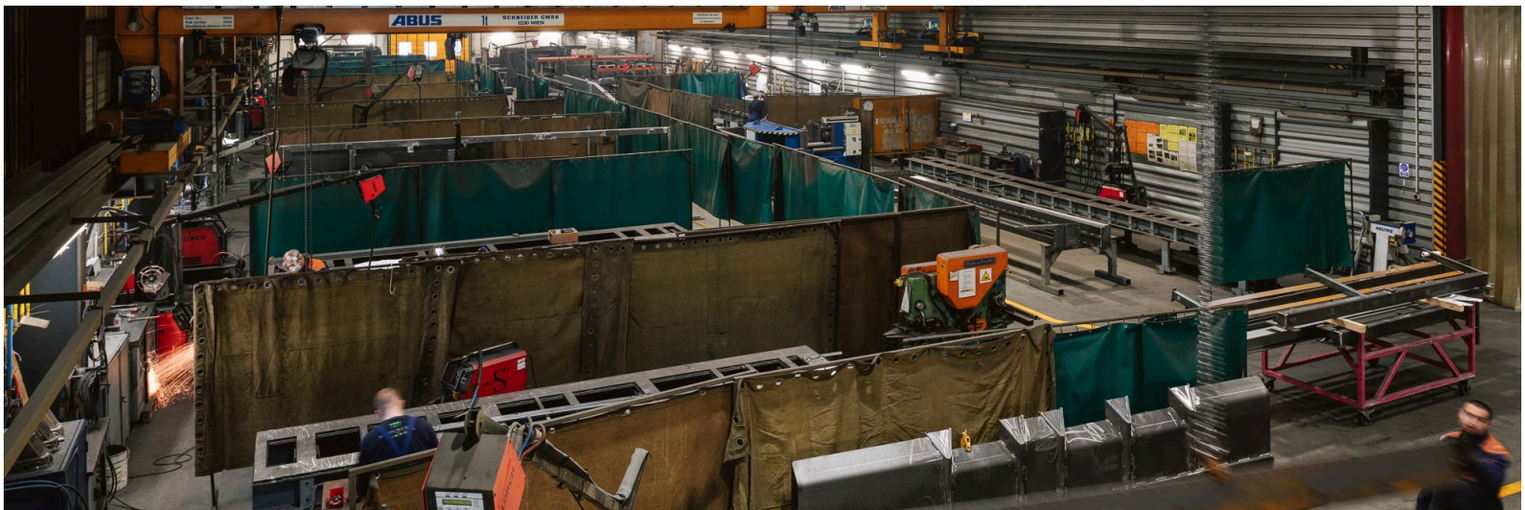


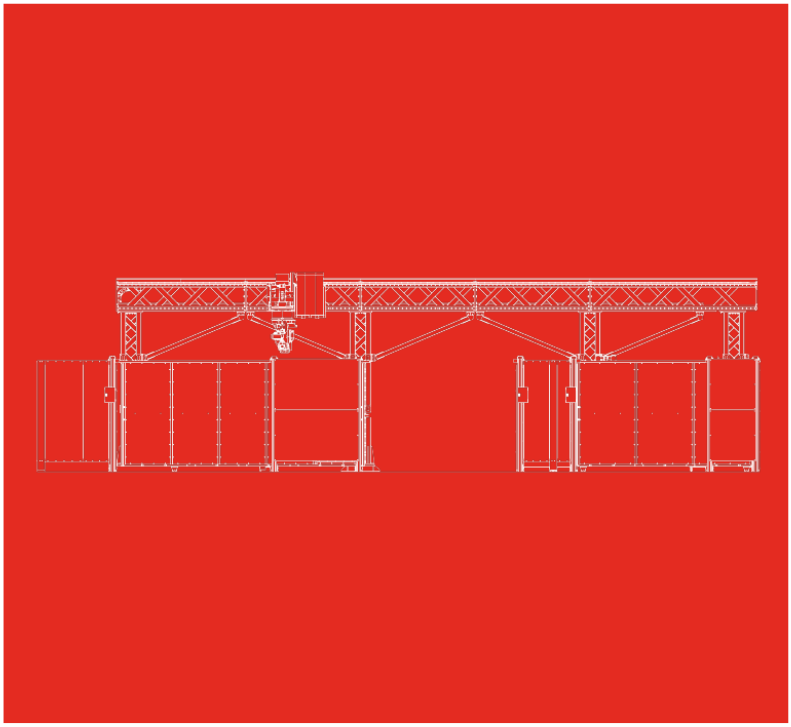
Welding shop

We supply weldments made from common steels, welded in a protective CO2 atmosphere in weights up to 10 metric tons. This method is very popular worldwide for very high-quality welds at relatively low costs. We have two overhead cranes with a capacity of 10 tons and 12 cantilever cranes with a capacity of 1 ton at the welding shop. We mainly use sandblasted material for welding. After welding, the parts can be vibrated or annealed to relieve internal stresses.

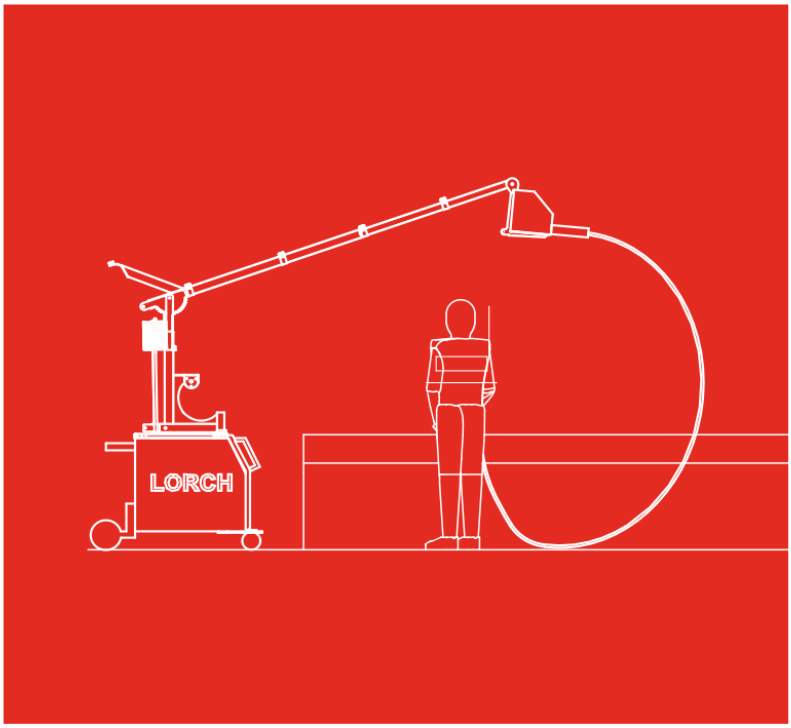
There are:

- OTC Daihen 6-axis robotic welding workstation for parts weighing up to 1000kg
- 16 welding workstations of 6 and 12m including S8 SpeedPuls XT welding machines
- DFM103 hydraulic positioner up to 1 tonne capacity
- PEMA 3500 hydraulic positioner up to 3.5 tonnes capacity
- SP50 hydraulic positioner up to 8 tonnes capacity
- 100 tonnes hydraulic vertical press for straightening parts before and after welding
- 220 tonnes hydraulic horizontal press for straightening parts before and after welding

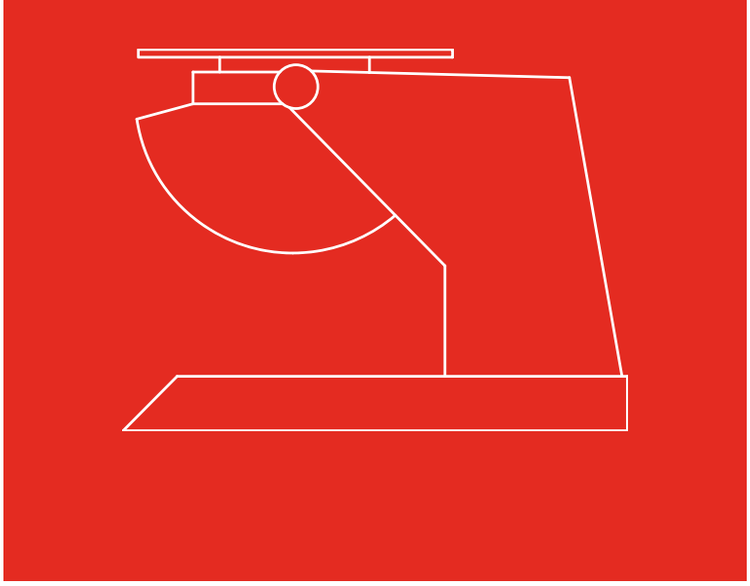




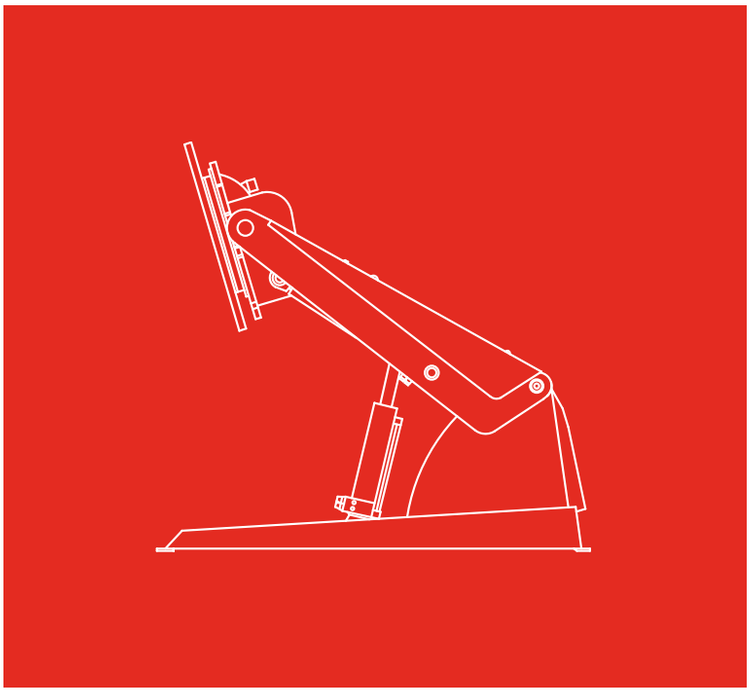
OTC Daihen 6-axis robotic welding workstation for parts weighing up to 1000kg



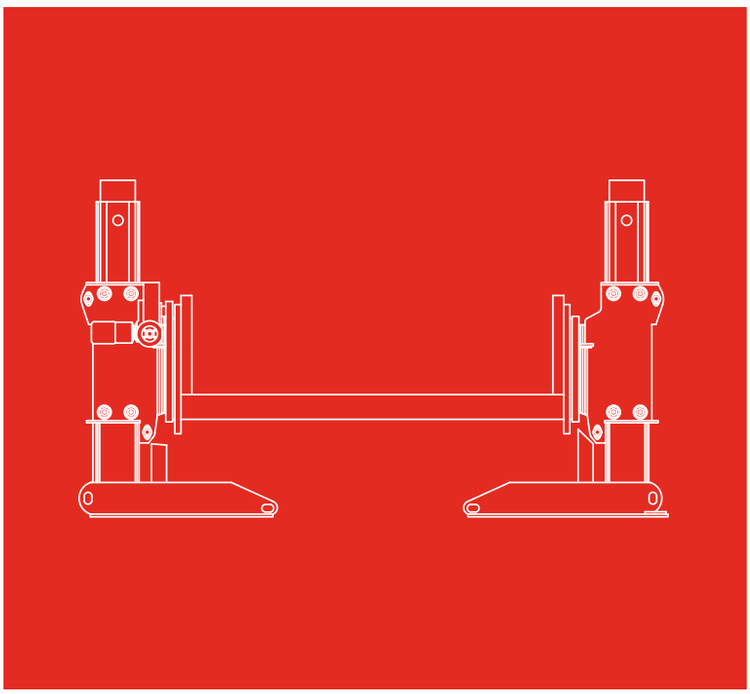
16 welding workstations of 6 and 12m including S8 SpeedPuls XT welding machines



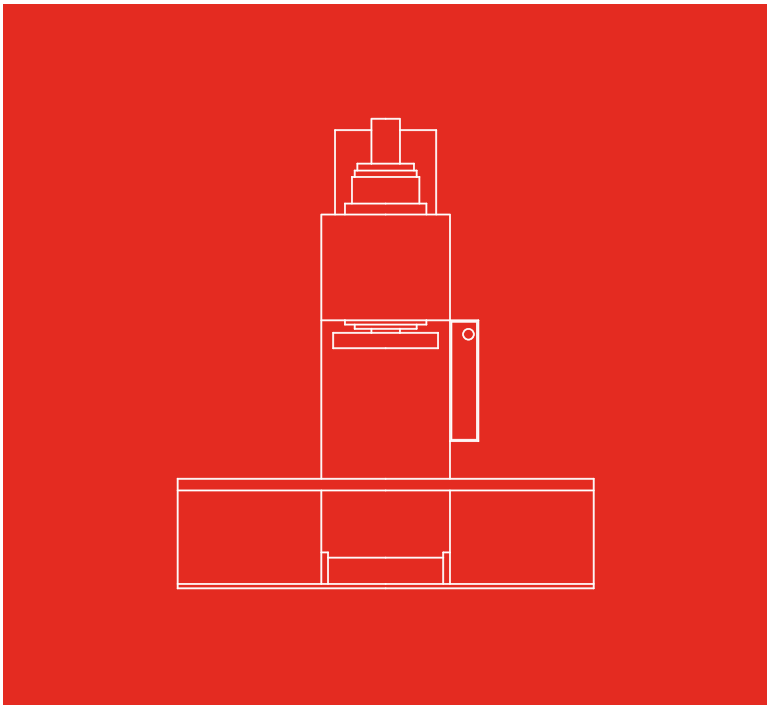
DFM103 hydraulic positioner up to 1 tonne capacity



PEMA 3500 hydraulic positioner up to 3.5 tonnes capacity



SP50 hydraulic positioner up to 8 tonnes capacity



100 tonnes hydraulic vertical press for straightening parts before and after welding

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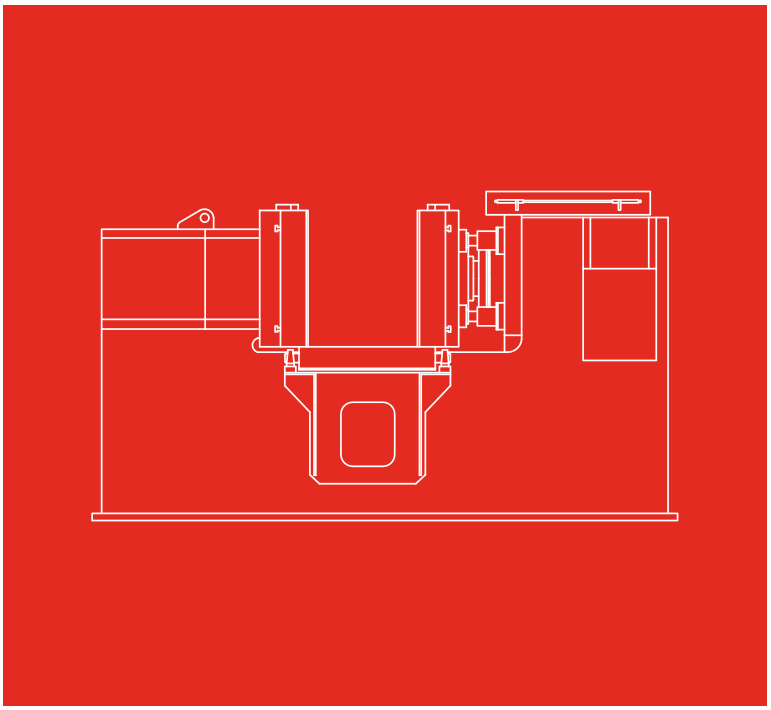
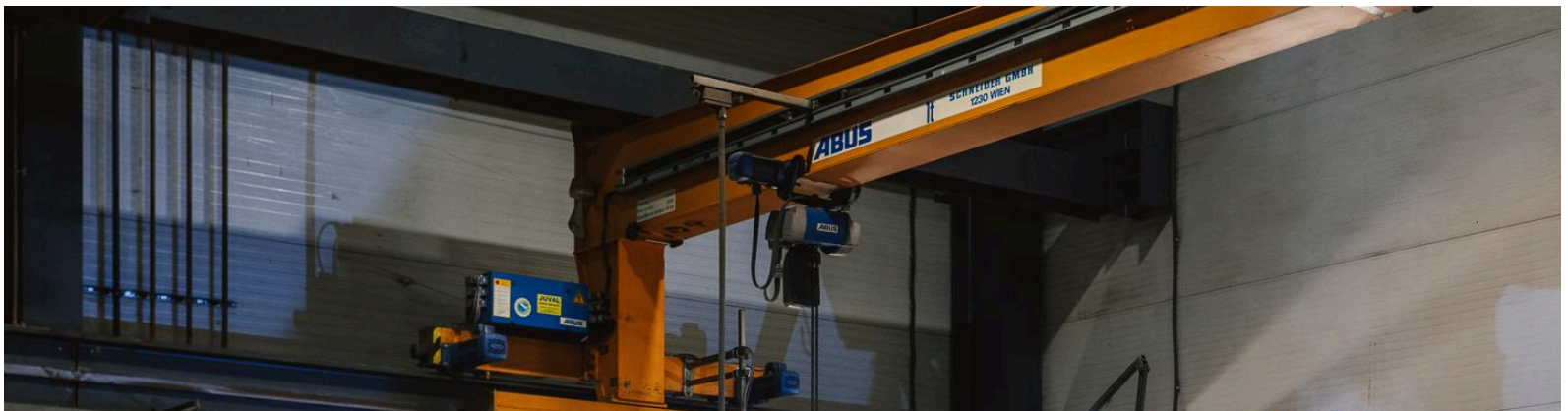


220 tonnes hydraulic horizontal press for straightening parts before and after welding

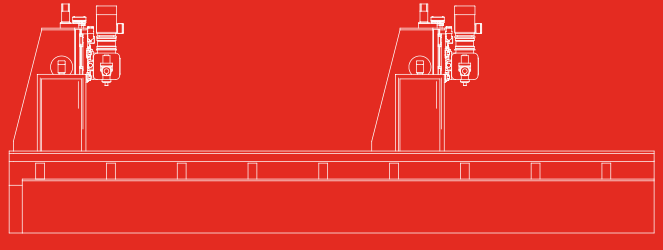


Machine shop

The machine shop forms the basis of our company, so we leave nothing to chance and regularly modernize and upgrade our machinery. Innovative solutions and modern machines increase our competitiveness. We have two overhead cranes with a capacity of 10 tonnes and two cantilever cranes with a capacity of 1 tonne.

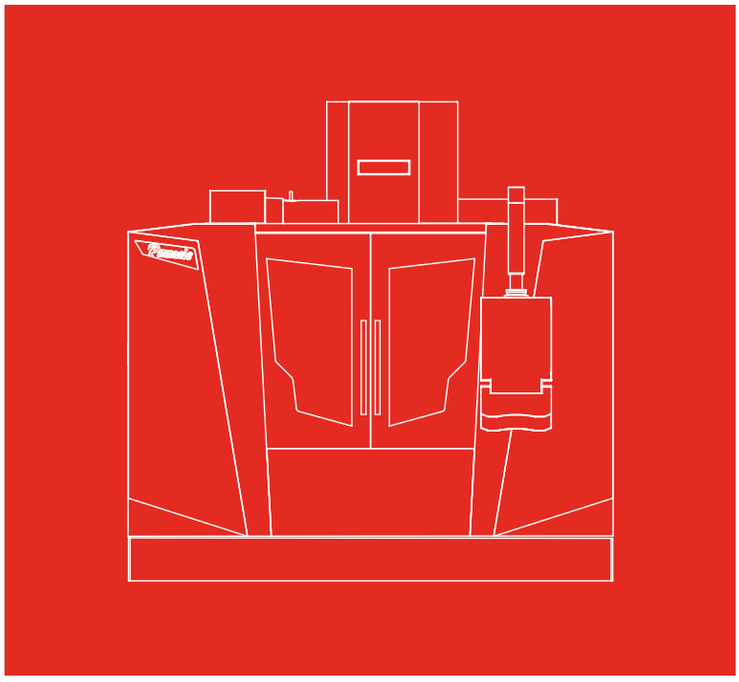
Available equipment:

- CNC coordinate drilling machine ZM 10.000
- CNC machining centre VMC 1160
- CNC horizontal milling machine Soraluce TA 25-A
- CNC horizontal milling machine Soraluce FL 8000
- CNC horizontal milling machine Soraluce FLP 8000
- CNC horizontal milling machine Butler Elgamill HE 16.000



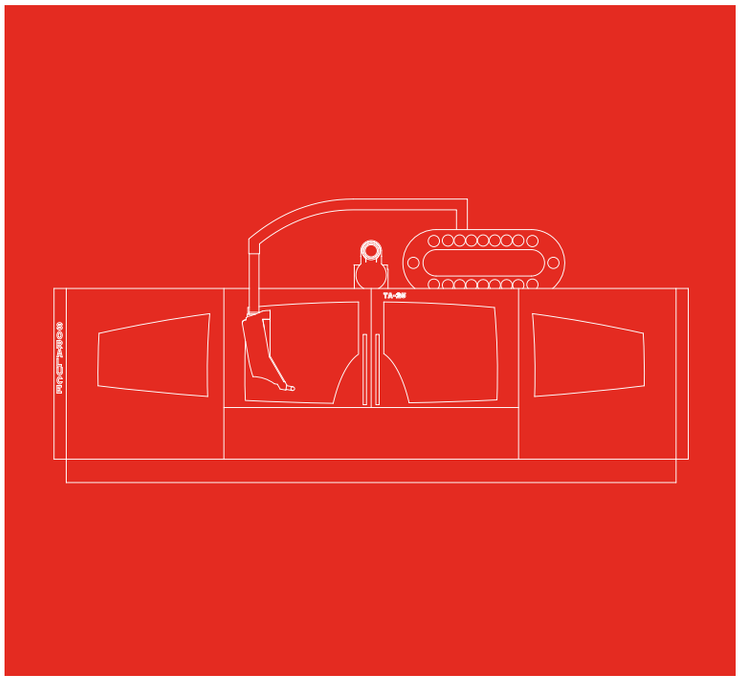
CNC coordinate drilling machine ZM 10.000

CNC coordinate drilling machine ZM 10.000 for precision drilling of parts up to 5 tons and maximum dimensions
10.000 × 600 × 600 mm



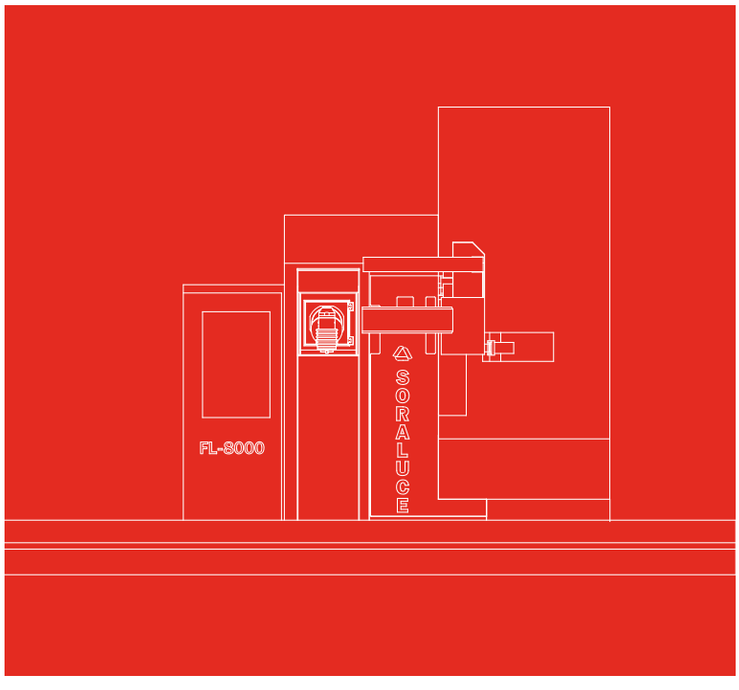
CNC machining centre VMC 1160

CNC machining centre VMC 1160 for precision milling of parts weighing up to 850kg and with maximum dimensions of 1,140 × 600 × 600 mm



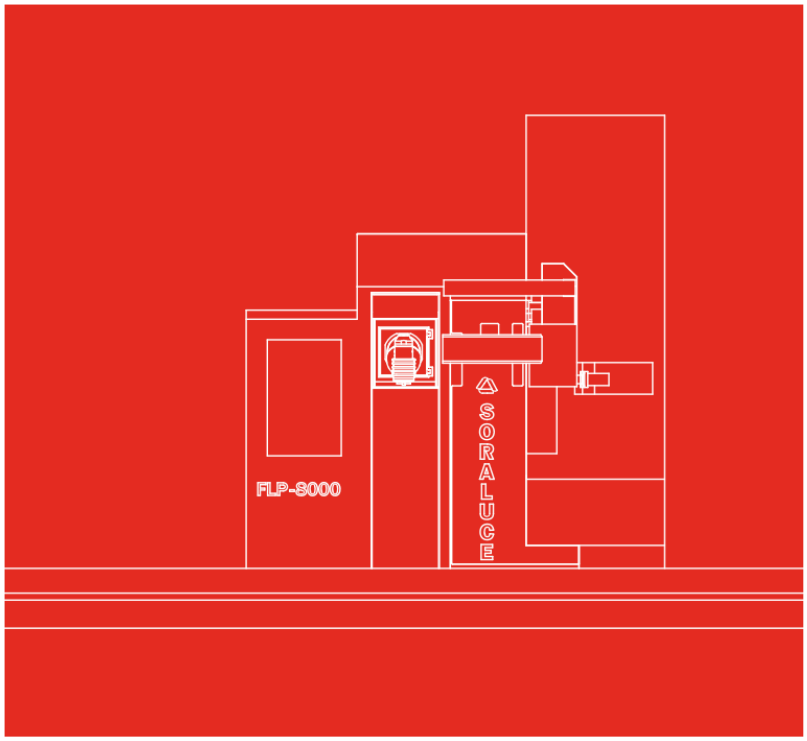
CNC horizontal milling machine Soraluce TA 25-A

CNC horizontal milling machine Soraluce TA 25-A with a 20-tool magazine for precision milling of parts up to 2 tonnes and maximum dimensions of 1,500 × 800 × 600 mm



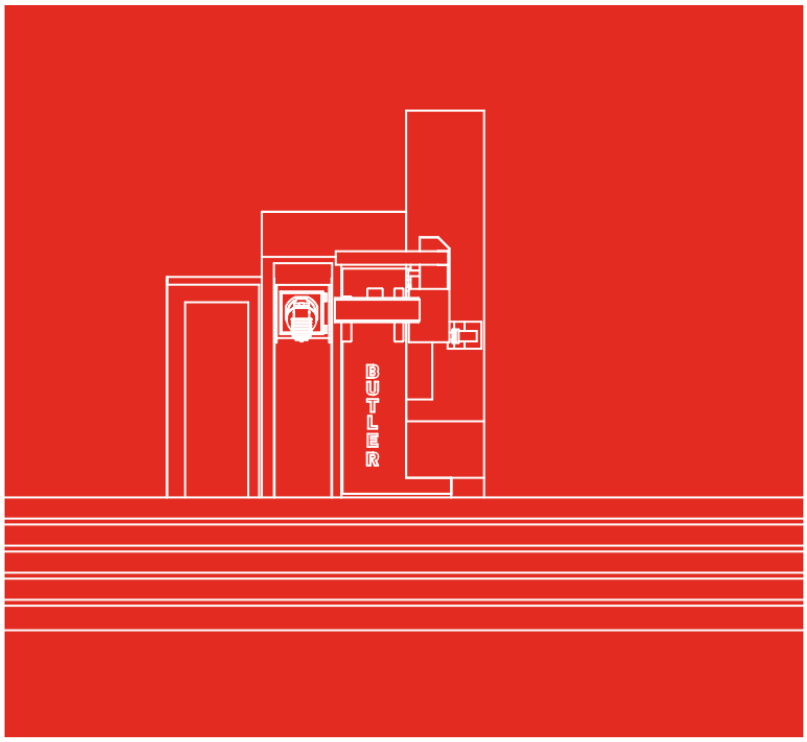
CNC horizontal milling machine Soraluce FL 8000

CNC horizontal milling machine Soraluce FL 8000 with 60-tool magazine for precision milling of parts weighing up to 5 tonnes and with maximum dimensions of 7,500 × 1,300 × 2,200 mm



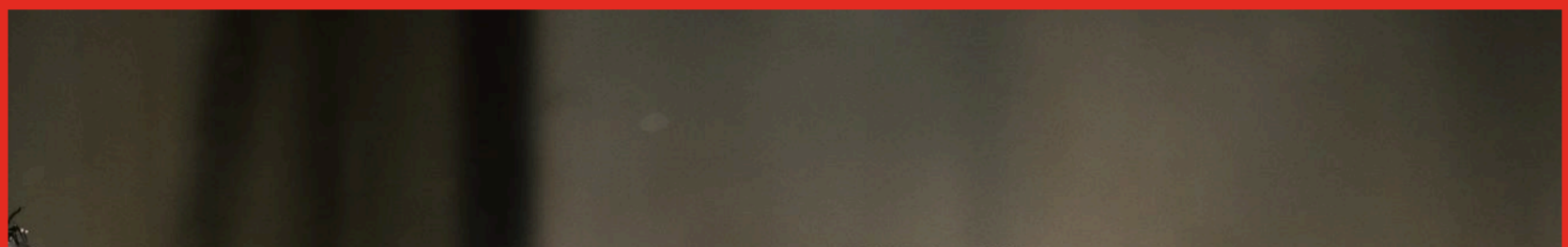
CNC horizontal milling machine Soraluce FLP 8000

CNC horizontal milling machine Soraluce FLP 8000 with 60-tool magazine for precision milling of parts weighing up to 5 tonnes and maximum dimensions of 8,000 × 1,300 × 2,500 mm



CNC horizontal milling machine Butler Elgamill HE 16.000

CNC horizontal milling machine Butler Elgamill HE 16.000 with 40-tool magazine for easy milling of parts up to 10 tonnes and maximum dimensions of 16.000 × 1.150 × 1.000 mm



Paint shop

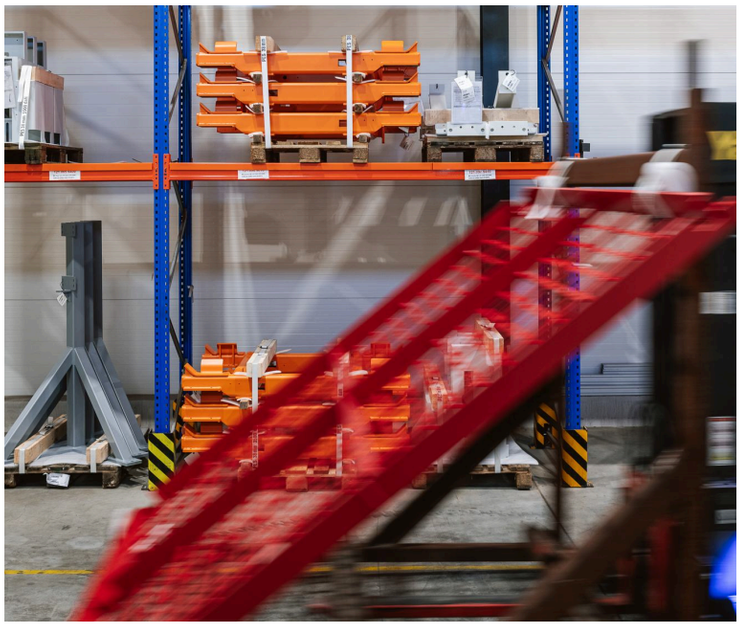
We offer professional wet painting in a new modern painting booth from a Swiss company. We can fulfil even the most complex requirements of our customers professionally and reliably.
We offer paints from different manufacturers and a wide range of RAL shades in different finishes.

Available equipment:

- 2 pcs of overhead cranes with a capacity of 4 and 10 tons
- height under the crane 5,4 m
- suspension system for handling and drying of parts
- four-way trolleys for handling of long parts
- maximum weight of parts 10 tonnes
- powder coating can be arranged in cooperation with another local supplier
- galvanizing or blackening can be done in cooperation with another local supplier

Finished parts

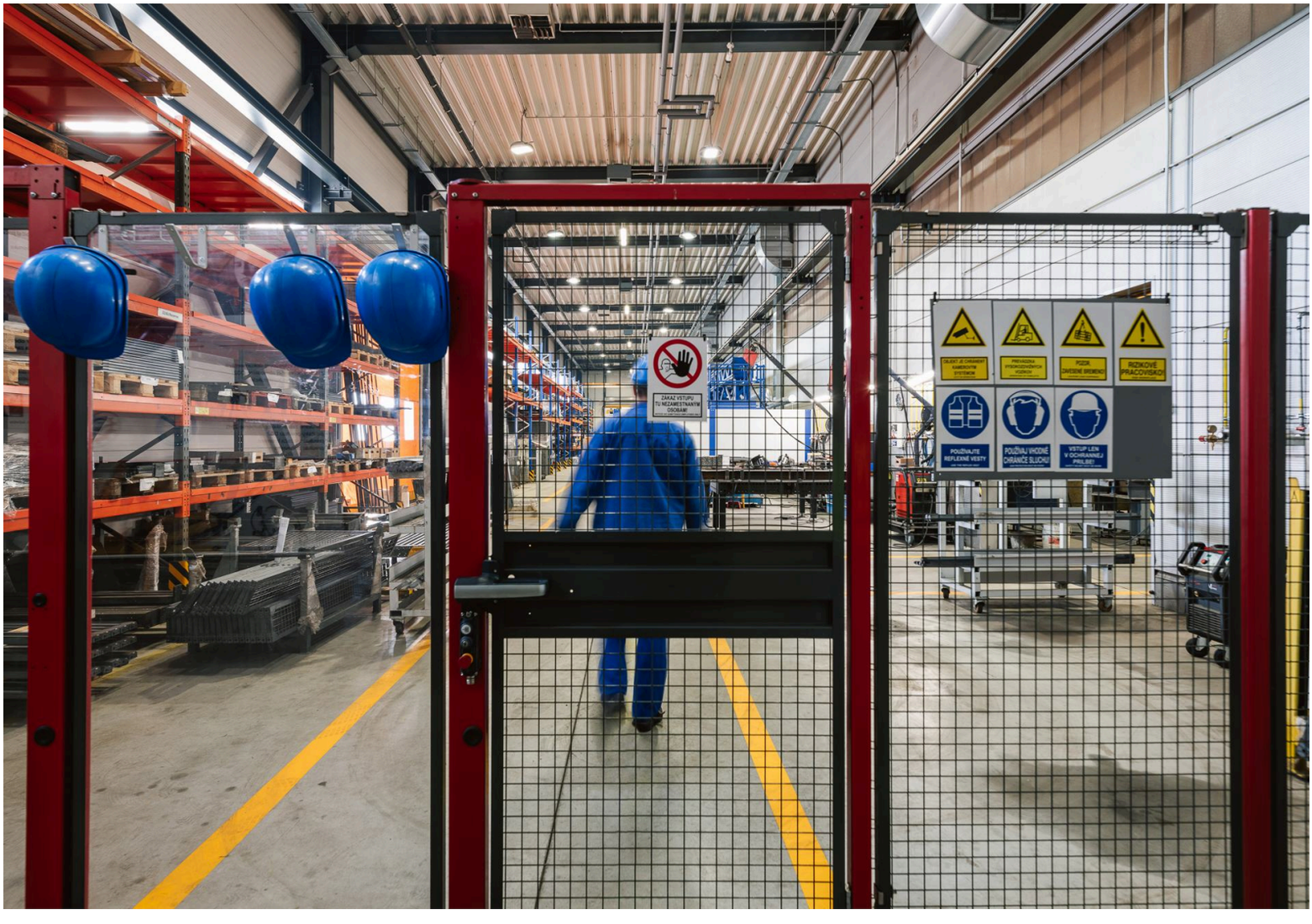
Finished parts are packed on pallets or base boards, according to customer requirements. We can also provide component group packing and each part is then thermo labeled with a barcode.



Machine safety fence

LEGRO Slovakia manufactures protection systems according to the current DIN and EN standards to meet all requirements for professional protection of machinery and equipment. During development, great emphasis is placed on safety, reliability, stability and ease of assembly.

In the field of machine and plant protection we offer professional product lines that meet various demands and requirements of the highest quality.



Safety fence with mesh

For operations where there is no risk from flying chips from machining, we produce protective systems made of welded steel profiles and mesh infill.

Advantages

- Cost-effective system with mesh size 40×40 mm and wire diameter 3mm
- The minimum distance from the source of danger must be 200mm

Safety fence with polycarbonate

For operations where security fences with mesh are not suitable, we produce protective systems with polycarbonate panels.

Advantages

- IMPEX polycarbonate panels slide into a groove in the frame, therefore no cracks around the screws are created over time and quick replacement is possible

Technical parameters

- the standard height of the system is 2000 and 2400 mm
- standard system width 300/500/750/1000/1250/1500/1750 and 2000 mm
- the post is standardized for straight, corner, T and end installation
- innovative and patented frame to post clamping system in stainless steel
- tool-less installation via click-system
- special key required for unlocking

Advantages

- good stability on uneven floors
- high rigidity thanks to welded frame construction
- standard reinforcements in case of very high or wide fences
- possibility of connecting standard cable trays
- professional earthing system for the entire assembly including accessories
- we also supply customized panels and posts according to customer requirements
- packing in waterproof boxes treated according to FAOISPM 15/2002
- swing and sliding doors are supplied including standard security locks and beacons, or according to customer requirements

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