

Abadia a.s.

MANUFACTURER OF STEEL STRUCTURES

The Czech-based company Abadia provides comprehensive services in the design and manufacture of welded steel structures, mechanical engineering and metalwork production.



Steel structure of shielding for unique laser centre ELI Beams, Czech Republic

TECHNICAL DEPARTMENT

The entire production process is based on careful technical preparation. We have our own design and construction department, which is the guarantor of quality for technical solutions. We are thus able to come up with ideas that solve problematic details and reduce your costs.

QUALITY FIRST

In-house welding engineer is in charge of the welding process. Defectoscopy is provided by an internal employee for non-destructive testing. We understand even the latest standards and legal requirements. Our products are therefore fully in line with current legislation.

EXPERIENCE AND FLEXIBILITY

We are a well-oiled machine with years of experience and we enjoy our work. That is why each project is always a new challenge for us. Thanks to our size, we take the best of approach of both large and small companies. We are able to respond flexibly to changing market requirements.

MANUFACTURING PROGRAMME

STEEL STRUCTURES

We produce steel structures up to the execution class EXC3 according to EN 1090.

We supply structures not only to the Czech market, but significant part of our production heads abroad. Our years of experience and manufacturing capacities allow us to produce large and technically demanding structures respecting customer's order.

We regularly pass supply audits of the companies like Metrostav and Österreichische Bundesbahnen or VanDam.

We supply structural assemblies for:

building industry

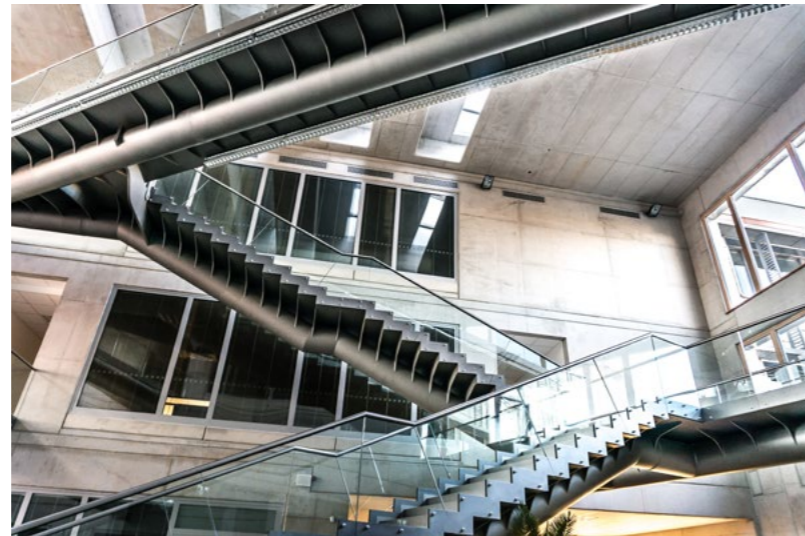
- steel halls
- noise barriers
- crane girders
- trusses

mechanical engineering

- frames of production machines
- conveyors
- moulds for concrete
- steel tanks

power engineering

- high voltage and extremely high voltage electricity poles
- substation beams
- substation pylons



FOR BUILDING INDUSTRY Unique stairs and walkways in the atrium of the University of South Bohemia



FOR MECHANICAL ENGINEERING Covering of a single-purpose CNC machine



FOR POWER ENGINEERING Poles, beams and pylons for the substation in Prosenice, Czech Republic



Glass railings on the housing project Smart, Prague, Czech Republic



Modern hanging balconies with combined filling, Bratislava, Slovakia



High pressure machine for casting of sinks, Kirov, Russia

METALWORK COMPONENTS FOR BUILDING INDUSTRY

Based on your requirements, we design and produce metalwork elements for modern residential and commercial construction. This category especially encompasses production of elements such as staircases, exterior and interior railings, glass balusters, shelters or support and service platforms.

HANGING BALCONIES FOR HOUSES WITH FLATS

We are the leading supplier of hanging balconies and enclosed balconies. During our activity, we have produced and mounted thousands of balconies throughout the Czech Republic and abroad. Thanks to our own development department, we are able to react flexibly to new challenges and market demands.

TECHNOLOGICAL DEVICES AND AUTOMATED PRODUCTION LINES

We design and manufacture custom-made technological, manufacturing and handling devices.

Especially our devices for casting of sanitary ceramics achieve world class and competitiveness.

CERTIFICATION



CERTIFICATE ISO 9001

The certificate certifies the implementation and maintenance of an integrated management system.



CERTIFICATE EN 1090

Certification for the production of steel structures, including execution class EXC3.



CERTIFICATE ISO 3834-2

This certification assures our competence and qualification for the welding process with higher quality requirements.

MAIN PRODUCTION EQUIPMENT

- plasma-cutting centre, bench 6 x 2 m
- continuous blasting device for surface preparation
- semi-automatic welding machines MAG and TIG
- system welding tables Siegmund
- band saws up to a width of profile 600 mm
- press brake and hydraulic shears
- technology for perforating and cutting
- wet paint shop with electrostatic application
- over 4000 m² of production area
- overhead cranes with a lifting capacity of up to 6.3 tons
- separate areas for stainless steel production
- own transport with hydraulic arm handling

CONTACT

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