

**KOTŁOMONTAŻ Sp. z o.o.**



# HISTORY



The tradition of KOTLOMONTAŽ dates back to the 19th century and has interconnections with „Steam Boilers Plant” of Wilhelm Fitzner. In April 1947, the team of former employees of W. Fitzner’s plant founded the Employment Cooperative KOTLOMONTAŽ. Since then the enterprise has been constantly developing, undertaking renovations and performance of power engineering equipment and chemical apparatuses for chemical industry plants all over the country.

In the sixties the business activity was extended by the steam turbines renovations and export services commenced. At the same time the plant implemented the production of spare parts for steam and water boilers, heat exchangers and pressure vessels, applying the most update methods of welding.

The present legal status of the enterprise is a limited liability company, formed as a result of privatization process in 1990. The ISO 9001:2008 system introduced in our company guarantees high standard of our services. We are looking forward to working with you!





## Kotłomontaż also provides services in the following area:

Laser cutting of metal sheets and pipes:

- working area 3000 x 16 500 mm
- thickness up to 20 mm

Plasma cutting sheet metal:

- working area 2500 x 8000 mm
- thickness up to 50 mm

Autogenous cutting sheet metal:

- working area 2500 x 8000 mm
- thickness up to 200 mm

Drilling and milling parts CNC:

- working area 1700 x 6000 x 500 mm

Machining parts for conventional machine tools

Plate rolling:

- the maximum length of 3000 mm
- maximum thickness of 25 mm

Sheet metal bending on press brakes:

- maximum bending length 6000 mm
- pressure 400 t

Cutting elements on band saws CNC

Tube bending:

- maximum diameter of the pipe  $\varnothing 108$  mm

Shot blasting of elements

Painting using airless spray

Welding parts in the methods 111, 121, 135, 136, 141





# PRODUCTION



## Production of boiler elements and structural elements

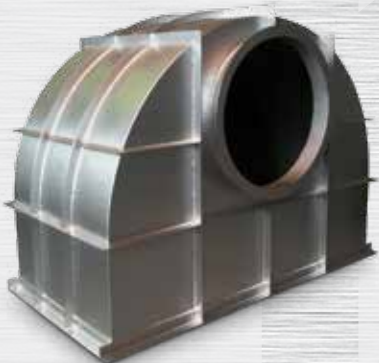
We offer the manufacturing of elements of power engineering steam and water boilers:

- water heaters
- steam heaters
- air heaters
- radiant tubes
- chambers and collectors
- elements of pipelines
- stacks
- cyclones, mutlicyclones, gas ducts
- steel structures
- elements for coal mill
- tank pumps for pneumatic transport of ash

We also offer:

- pressure and non-pressure tanks
- heat exchangers
- equipment for chemical and oil refinery industries
- general construction steel structures

All the produced structures and equipment are cleaned to the required degree of cleanliness in the process of shot blasting, and then they receive anti-corrosion protection. Our plant, equipped with the most modern machinery, performs services using own materials or materials entrusted with transport.





## Renovation, assembly and modernization services

We have many years experience in the scope of renovations, assembly and modernization of the following power engineering equipment and systems:

- steam and water boilers
- de-dusting systems
- desulfurization systems
- gas ducts, fans and steel stacks
- energy and technological pipelines
- rotating machinery
- heat exchangers
- hazardous and communal waste incineration plants
- waste water treatment plant
- steel structures
- pressure and non-pressure tanks

Kotłomontaż completes the pro-ecological investment and modernizations, among others:

- desulfurization fumes systems
- de-dusting fumes systems
- firing systems with decreased NO<sub>x</sub> emission
- rotating air heaters

We perform works in the scope of modernization of boilers in power engineering and industry- mainly in the aspect of guaranteeing the permissible emission levels of nitrogen and sulphur compounds as well as works connected with the fuel exchange into gas or oil.

Since many years Kottomontaż has been successfully functioning on the Polish and EU market. We render services as contractors and subcontractors of widely-acclaimed companies. We completed investment in such countries like: Germany, Austria, Great Britain, Czech Republic, Spain, Sweden, and Hungary. A large number of contracts in Germany is managed by our branch office in Düsseldorf.





# LABORATORY

## Comprehensive Tests Lab

We render testing services in the scope of the following equipment:

- pressure and non-pressure tanks
- water heaters
- steam and water boilers
- pipelines
- equipment for preparing boiler water
- heat exchanger

We perform the following types of tests:

- X-ray
- ultrasonic testing of welded joints and finished steel products
- ultrasonic measurements of thickness
- magnetic- particle testing
- penetration testing
- visual tests
- trial of stretching
- impact test
- trial of bending
- hardness measurements
- Macroscopic testing of welded joints
- Length and angle measurements
- Welds geometry testing

All the aforementioned tests are performed by Comprehensive Tests Lab using modern equipment and research apparatuses of Balteau Company, negatoscope, ultrasound deceptoscope and magnetic Krautkrämer. We guarantee order execution and technical testing in accordance with the UDT [Technical supervision office] and TUV regulations in force. All the inevitable tests and measurements are performed by our comprehensive Tests Lab, accredited by CLDT [Central Laboratory of Technical Inspection].





# WELDERS' TRAINING CENTRE



## Welders' Training Centre

We offer courses and verifications at the level of primary and secondary education for carbon structural steel, low and high, austenitic, ferritic, heat-resistant and heat resistant.

Continual development of welding skills can be realized via company owning Welders' Training Centre and the staff of engineers with the licenses of the Institute of Welding and SLV.

Our center trains welders in such welding methods as:

- gas welding
- fusarc welding
- inert-gas welding (MIG, MAG, TIG)
- shielded-arc welding

and acetylene welding – oxygen (311) and operators submerged arc (121)

### We are certified:

- Certificate ISO 9001: 2008
- Certificate ISO 3834-2
- Certificate of conformity of the factory production control in accordance with EN 1090-1: 2009 + A1: 2011
- Certificate of Qualification Welding Institute – First Group of Large Enterprises





www.kotlomontaz.pl



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