

High-Pressure Boilers & Parts

Boilers • Boiler Parts • Heat Treatment • Acid Cleaning • Inconel Cladding • Etc.



Boilerworks has specialized in the manufacture and supply of high-pressure boilers and parts for power stations, waste and biomass-fired as well as industrial and petrochemical plants.

High-pressure parts comprise tubing, panel walls, headers etc.

Our stocks always hold the most common boiler pipes for repair work.

Boilerworks has a long-standing position as one of the leading manufacturers of high pressure and temperature parts for state-of-the-art pressure plants.

Production area abt. 10,000 m²
Storage capacity abt. 4,000 m²
- indoors.

Methods and processes are being developed in time with the continuously increasing requirements of energy-efficient power stations and consequently rising pressures and temperatures.

Main manufacturing capabilities:

- Panel wall welding
- Panel wall bending
- Tube-coil bending
- Heat treatment
- Inconel cladding
- Acid cleaning



Header made in
x10CrMoVNb9-1,
ASTM SA 235

Tube with Inconel cladding
and then cold bent



Panel walls

Panel walls are made of tubing up to $\text{Ø}101.6$ mm for both industrial boilers and ultra-critical high pressure/temperature boilers.

Panels are bent in widths up to 3200 mm, in angles up to 120 degrees.

Tube bending

Any standard tube dimensions from $\text{Ø}21.3$ to $\text{Ø}168.3$ mm. Boilerworks' bending machines are equipped to meet the strictest requirements of ovality and wall thickness reduction.

Superheaters and Headers etc.

Intricate superheaters and headers are manufactured and adapted to customers' individual requirements.

Heat treatment

Heat treatment is always documented in terms of temperature curves, holding and cooling times; any extra documentation is subject to separate contract.

Boilerworks' biggest furnace has a capacity of $4 \times 3.5 \times 13$ m for temperatures up to 800°C . Moreover, we have a number of furnaces which can reach temperatures of 1100°C .

Acid cleaning

Acid cleaning facilities for both the "circulation" and "fill and soak" methods.

Capacity of the acid cleaning vessel is $12.5 \times 1.5 \times 1.5$ m.

Inconel cladding

Biomass and waste-fired plants release corrosive gasses which corrode the boiler parts and adversely affect their life.

Boilerworks has distinct expertise in cladding the exposed zones with Inconel to protect against corrosion and erosion thus extending the working life of parts considerably.



Customized boilers and parts
are specialty of Boilerworks



Maintenance of boiler plants is one of Boilerworks' specialties. We cover anything from simple repairs to comprehensive maintenance planning, plant modernization, installation of new parts and control systems as well as upgrading.

Boilerworks offers 24/7 service
HOTLINE: (+45) 30 94 48 70



Backed by more than 50 years' experience, Boilerworks is capable of offering heat exchangers for industrial processors as well as power/heat generating plants:

- Preheating • Heat recovery • Heating • Cooling • Condensing

The exchangers are dimensioned to customer's individual requirements, and Boilerworks will perform the thermal calculations to energy optimize the exchanger.



At Boilerworks we firmly believe that we must have a common goal - and not a conflict - for economic development and environment-protection, both now and in the coming generations.

At Boilerworks we have drafted our own Environment Charter, based on the Environment Charter of the ICC:

“The Business Charter for Sustainable Development - 16 principles”