

- Renovation and modernizations of rotary air preheaters, including complete replacement of entire preheaters - design and workshop execution,
- Analysis of the operation of steam air heater systems with rotary air preheaters in order to eliminate low-temperature corrosion and accumulation of products behind denitrification installations and to optimize the operation of the system for variable operating conditions,
- Production and delivery of spare parts for auxiliary equipment for boilers, including rotary air preheaters,
- Low and medium pressure industrial pipelines - design, production, field assembly,
- Non-pressure and pressure tanks - design and workshop execution,
- Overhaul or modernization of flue gas and air duct systems with replacement of flaps, compensators, inspection and repair hatches with load-bearing structures and platforms - design and workshop execution, assembly.
- Overhaul or modernization of slagging systems – i.g. replacement of drive systems, bathtubs with abrasion-resistant materials, replacement of scrapers, drive rollers, chains, lubrication systems, drive systems,
- Designs of ash removal systems - systems of transporting conveyors,
- Installations of steam blowers and water cannons for steam boilers and air heaters,
- Overhaul or modernization of centrifugal/radial fans – i.g. casing, steering devices, flow optimization, elimination of operational problems - design and workshop execution, assembly,
- FEM modeling of load-bearing structures and shell elements,



- Flows modeling in order to achieve the proper mixing of streams, location, selection and type of flow directions blades – CFD analysis,
- Complete control systems for single devices or installations – i.g. applications in DCS or using PLC cabinets - Siemens, Omron, Fanuc, software, cabinet fabrication, field assembly, commissioning.

