



BUCHEN Industrial Services Sp. z o. o.

BUCHEN®
WORKING FOR THE FUTURE

Working for the future

BUCHEN Industrial Services Polska Sp. z o.o. is a leading company in industrial services. Our service portfolio includes hydrodynamic cleaning of industrial installations such as tanks, heat exchangers, pipelines, sewage systems, industrial boilers, and more.

BUCHEN Industrial Services Polska Sp. z o.o. also provides comprehensive refractory construction services, including design, installation, and modernization of high-temperature resistant structures used in metallurgy, power generation, and cement industries using modern technologies and certified refractory materials.



Working for the future



BUCHEN Industrial Services Polska Sp. z o.o. operates professional equipment enabling vacuum loading services for sludge, mill scale, ash, dust, liquids, hazardous materials, and explosive materials.

BUCHEN Industrial Services Polska Sp. z o.o. continuously improves its services to meet all customer requirements. Our high-quality equipment and safety standards ensure efficient cleaning, short lead times, flexibility, and competitive pricing.



BUCHEN Polska | Sectors

Our projects cover industrial plants across Poland and Europe.
We operate in sectors including:



Iron and non-ferrous
metallurgy



Cement and lime industries



Power generation and
industrial energy



Refineries, petrochemicals,
and chemical plants



Glass, ceramics, and
foundry industries



Waste incineration and
recycling plants

We provide full support at every stage of project implementation

- _ Installation and assembly of refractory structures,
- _ lining of furnaces, boilers, chimneys, and flue ducts,
- _ industrial vacuum cleaning of furnaces,
- _ repairs and modernization,
- _ service and maintenance works,
- _ selection of refractory materials suited to operating conditions

We cooperate with reputable suppliers of refractory materials from Europe and beyond, enabling us to deliver high-quality solutions tailored to customer needs.



Collect – Repair – Heat Treat – Deliver



Before Starting Work

We are able to carry out refurbishment and repair work on components that can be transported to our technical facility in Gliwice, eliminating the need to perform the work directly at the customer's site. This is a convenient solution, as it avoids disruptions and unnecessary disturbance to the plant's operations. The customer also does not need to arrange waste disposal or provide repair facilities. We collect the components, perform the refurbishment, carry out controlled heat treatment (curing) under monitored conditions, and then deliver the finished components back to the customer, ready for use.

We take full responsibility for both the logistical and technological aspects of the process. We collect the components from the customer, ensure their safe transportation, carry out all necessary refurbishment work using appropriate refractory materials, and then perform controlled heat treatment (curing) to ensure optimal performance characteristics and long service life. Once the work is completed, we deliver the refurbished components directly back to the customer, fully prepared for reinstallation.



ND Casting Machine Transport

Collect – Repair – Heat Treat – Deliver



Heat treatment of refractory castables

Our company is equipped with professional industrial heaters featuring high-performance blowers and advanced control systems that allow for the precise programming and monitoring of heat-treatment curves. This enables us to carry out the heat-treatment process safely, under fully controlled conditions, and in accordance with the technological requirements of the refractory materials used.

As a result, we are able to perform heat treatment on small and medium-sized components such as **ladles, casting machines, refractory shapes, and expansion joints** at our workshop facilities. We ensure process repeatability, high-quality workmanship, and proper preparation of components for further service.

This provides significant time savings and convenience for our customers, as they receive components that have already been refurbished and heat-treated, ready for installation and operation, without the need to organize the heat-treatment process on their own.



ND Casting Machine

Service, inspections, and overhauls

We perform complete refractory lining works including bricklaying, shotcreting, insulation installation, anchoring, welding, expansion joints, and thermal start-up:

- _ Installation of refractory and insulating bricks
- _ casting and gunning (shotcreting) of refractory concrete
- _ installation of ceramic fiber linings and prefabricated refractory components
- _ reinforcement, welding, and anchoring of refractory structures
- _ expansion joints and sealing systems
- _ thermal commissioning and dry-out of refractory linings





Professional installation and execution

We provide technical supervision, servicing, repairs, modernization, and maintenance of refractory installations:

- _ Maintenance and repair work during planned shutdowns and emergency outages
- _ rapid damage repair and replacement of worn components
- _ modernization and adaptation of existing installations

We also provide **ongoing maintenance and service support** for customers requiring uninterrupted production and minimized downtime risk.

Striko Westofen casting machine



Before the refurbishment



After the refurbishment

Complete heat-treatment furnace refurbishment



Before the refurbishment



After the refurbishment

Complete heat-treatment furnace refurbishment



Before the refurbishment



After the refurbishment

Melting furnace door



Before the refurbishment



After the refurbishment

Blast furnace expansion joint



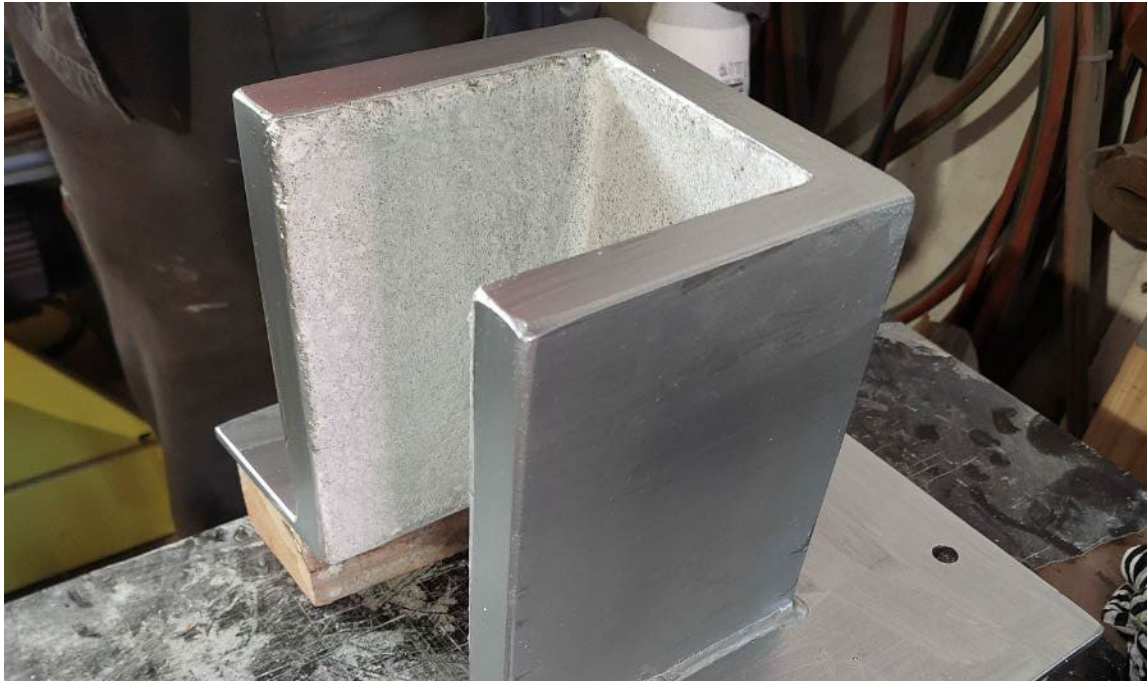
Before the refurbishment



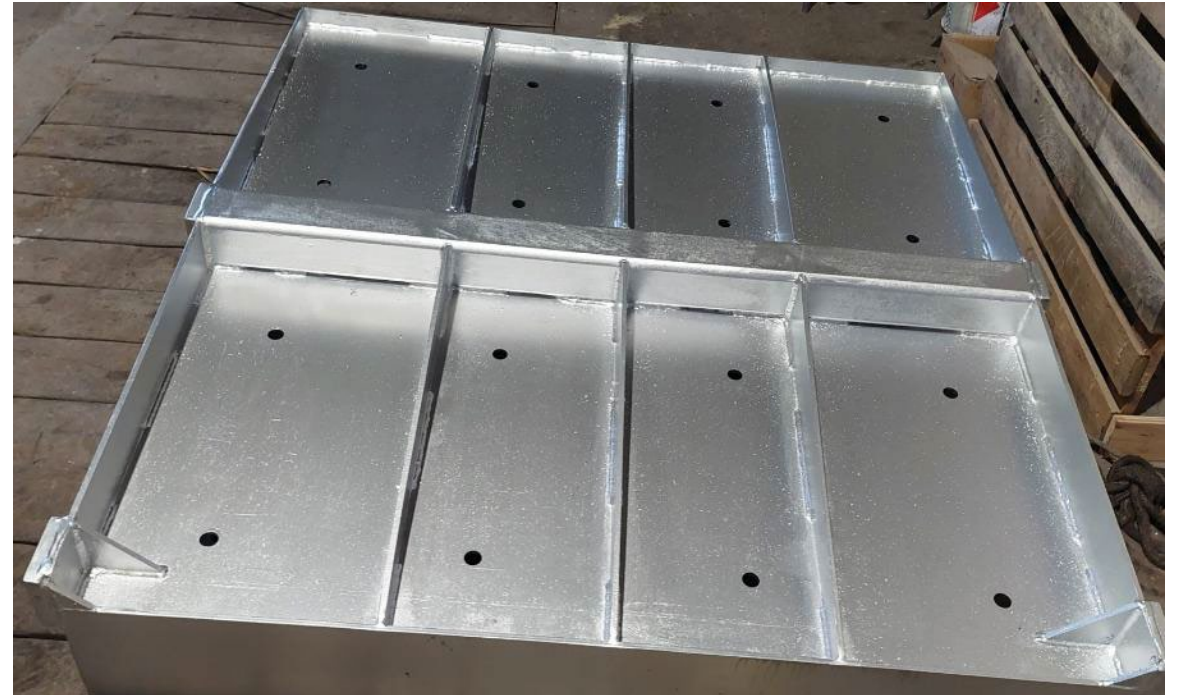
After the refurbishment

Blast furnace expansion joint

Buchen also provides welding and fabrication services. Based on a technical drawing or a supplied component, we can reproduce parts on a 1:1 scale with high precision.



Tapping spout of a melting furnace



Charging door of a melting furnace

Training and qualifications



Our employees regularly participate in specialized training programs covering refractory brick installation and refractory gunning techniques. These programs enable them to continuously improve their workmanship, apply the latest technological solutions, and deliver the highest quality refractory repair services. As a result, our team combines extensive practical experience with up-to-date industry knowledge, ensuring precision, reliability, and long-lasting performance of all completed projects.

We continuously enhance our employees' qualifications through industry training and hands-on skills development, enabling us to successfully execute even the most demanding projects. This allows us to maintain a highly skilled workforce with strong technological expertise and a thorough understanding of safety requirements, ready to work in challenging industrial environments.





Safe and efficient demolition services

We carry out demolition work using professional and specialized equipment designed for industrial facilities and refractory structures. Thanks to our advanced technical resources, we are able to perform demolition projects safely, efficiently, and under full control, minimizing the risk of damage to adjacent installations and reducing production downtime.



Demolition of a hardening furnace.

Safe and efficient demolition services

Our equipment enables both precise, localized demolition work and the complete demolition of larger structures, including furnaces, refractory linings, ducts, and associated installations. Every project is preceded by a technical assessment, allowing us to select the most appropriate methods and equipment for the specific facility and operating conditions. We also ensure efficient project execution and proper site cleanup upon completion of the work.

Safe and efficient demolition services



Heat-Treatment Furnace Demolition



Casting Machine Demolition

Reliable industrial solutions you can trust

- _ **Demolition of heat-treatment furnaces**
- _ **Demolition of casting machines**
- _ **Comprehensive refractory services** – from repairs and refurbishments to refractory gunning and refractory brick installation
- _ **Professional equipment and technologies** – industrial heaters with programmable heat-treatment control, as well as modern demolition and component-handling equipment
- _ **Convenience for the customer** – we collect components, refurbish them, perform controlled heat treatment, and return them ready for installation, without disrupting your company's operations
- _ **Experienced and continuously trained team** – qualified specialists who regularly enhance their skills and stay up to date with the latest refractory technologies
- _ **Cooperation with leading material suppliers** – from both Europe and overseas, ensuring durable, high-quality solutions





Thank you for your interest

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