



KUŹNIA MATRYCOWA
LUBLIN



Forging your success.

Reliable and trustworthy supplier of forged products,
satisfying the customer's requirements
and expectations.





HISTORY OF THE COMPANY

1957 — 1995

establishment of Kuźnia and the launch of production of forgings for commercial vehicles Lublin for Central and Eastern Europe.

establishment of Kuźnia Daewoo Motor Polska by gaining a strategic investor – Daewoo

2002 — 2012

establishment of Kuźnia Matrycowa Sp. z o.o. as a result of restructuring of Daewoo Motor Polska

acquisition of 100% shares of Kuźnia Matrycowa Sp. z o.o. by a Polish investor

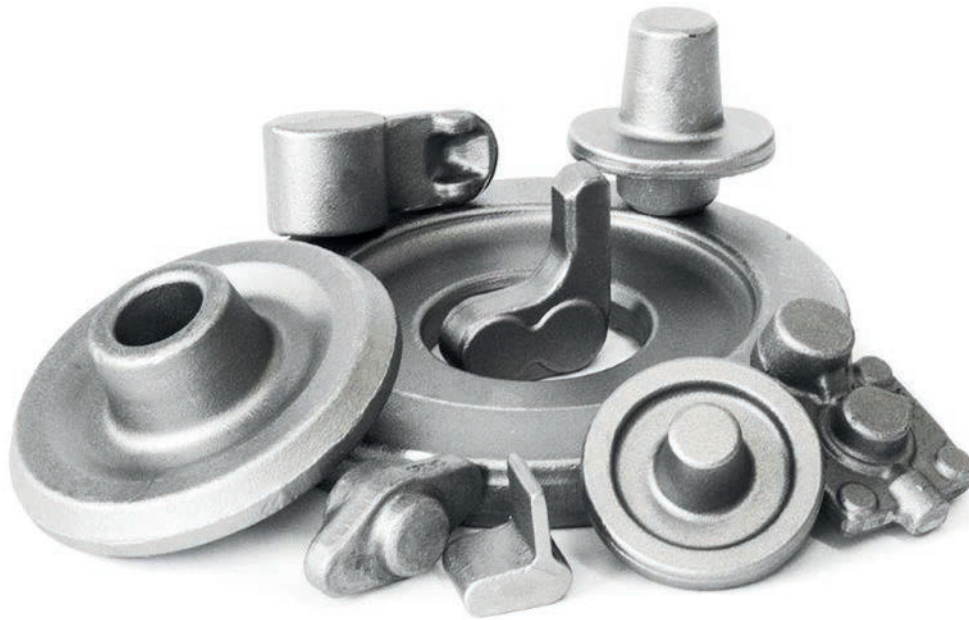
2021

rebranding of Kuźnia Matrycowa Sp. z o.o., renovation of headquarters and new website

www.kuzniamatrycowa.pl

ALL ABOUT US

We specialize in the production of forgings made of carbon steel (regular and high quality) and alloy structural steels. We also produce forgings made of high-alloy steels: stainless and heat resistant.



” We specialize in the production of forgings made of steel.

Parameters of our forgings:

- weight: 0,5-20 kg
- length: max 800 mm

The forgings produced at our premises can be subjected to the following thermal treatment processes:

- quenching and tempering
- normalizing

as well as finishing processes:

- shot blasting
- straightening
- sizing
- flaw detection

Currently we produce several thousand tons of steel forgings, but our possibilities go as far as dozen thousand tons per year.

OUR MACHINE PARK



HAMMERS

4 units of **1T forging hammers**, 3 units of **3T forging hammers** (one unit operating system in robotized work centre), 1 unit of **10T forging hammer**. These forging hammers realise hot forging processes in multi-impression dies.



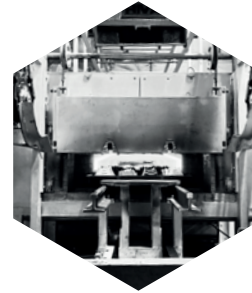
CUTTING OF RAW MATERIAL

2 highly efficient **circular sawing machines** AMADA type for cutting round and square bars. 3 **band sawing machines** Behringer type. 2 efficient **sawing machines** (near-term investment)



PRESSES

3 units of **P630T forging presses**, 1 unit of **P2500T forging press**. **Trimming presses**: P160 T, P250T, P315T, P400T, P500T – used for trimming after forging operation. 4000T press robotised line in progress (completion in the beginning of 2023).



HEAT TREATMENT

3 **continuous furnaces** with automatic control for heat treatment. They are supervised according to **CQI-9** guidelines and undergo TUS and SAT tests. The furnaces are used for processes like quenching and tempering and normalizing.



UPSETTING MACHINES

Range of upsetting machines – 1,5 inch, 3 inches, 4 inches and 6 inches equipped with induction heating. They are used for production of parts where only end of steel piece is forged, e.g., pins, half-axes.



FINISHING PROCESSES

2 modern **shot-blasting machines** with automatic loading and unloading. 3 highly efficient **magnaflux machines** for detection of defects on forgings. The machines are operated by staff qualified to perform tests according to MT1 and MT2.

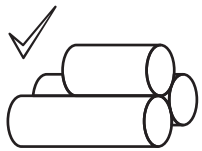
QUALITY CONTROL

Steeloscope for checking incoming materials and **3D scanner (GOM)** for measurement of forgings.



” *The strongest link
in your supply chain.*

PRODUCTION PROCESS



raw material
control



die forging



heat treatment



quality control



transport

COMPLEX CUSTOMER SERVICE

We cooperate with specialized measurement and testing laboratory, which allows comprehensive control of required parameters. All our products are subjected to measurement & quality check starting from the delivery of raw material, through the production process and finally to the shipment of finished product.

Additionally we have in-house tool shop, in which we design and produce dies, inserts, straighteners and other forging tools.

Our customers can choose among receiving raw forgings as well as those machined, painted, subjected to surface treatment processes - depending on their needs.



The required product quality is achieved by, among others, adequate human resources policy which is aimed at employment of highly-skilled professionals.

Our workforce consists of qualified engineering, technical and production employees.

” We carry out individual projects according to the needs and documentation of our customers.

MACHINING

Machining is carried out in cooperation with experienced machining companies that are part of capital-related group. They have specialized CNC machining centers as well as high-quality measurement equipment at their disposal.



KUŹNIA MATRYCOWA
LUBLIN

TMW
Sp. z o.o.

Wyszków



die forging

heat treatment

machining

painting



AUTOMOTIVE INDUSTRY

” We specialize in the production of forgings for the automotive industry.

For automotive customers we can offer the following product groups:

- elements of suspension systems
- elements of engines
- elements of steering systems
- elements of power transmission systems
- towing bars and ball necks



trailing component



trailing component



trailing component



trailing component



trailing component



motor engine component



suspension system and trailing components



trailing component



trailing component



suspension system component



suspension system component



trailing component



AGRICULTURE INDUSTRY

” We specialize in the production of forgings for the agriculture industry.

We produce forgings that are applied in tractors and agricultural machines as well as in forestry and municipal equipment.



hinge



single joint



double joint



hinge



hitch component



transmission component



hinge



hitch component



transmission component

PRESSURE INDUSTRY

Our products can be also found in refrigeration and industrial pressure systems in mining, oil and shipbuilding industries.

To meet the requirements of pressure industry, **our products are in accordance with the Pressure Equipment Directive 2014/68/EU, Annex I, 4.3**



flange



high pressure cooling system component



hydraulic system component

RAILWAY SYSTEMS

We forge components for railway industry and other industrial sectors. Our forgings can be found in motor fastening units as well as in brake systems.



bumper component



bumper component



disc

HEAVY INDUSTRY

To meet the demand of heavy industry we produce a wide range of links for industrial conveyors.



connecting link



belt conveyor element



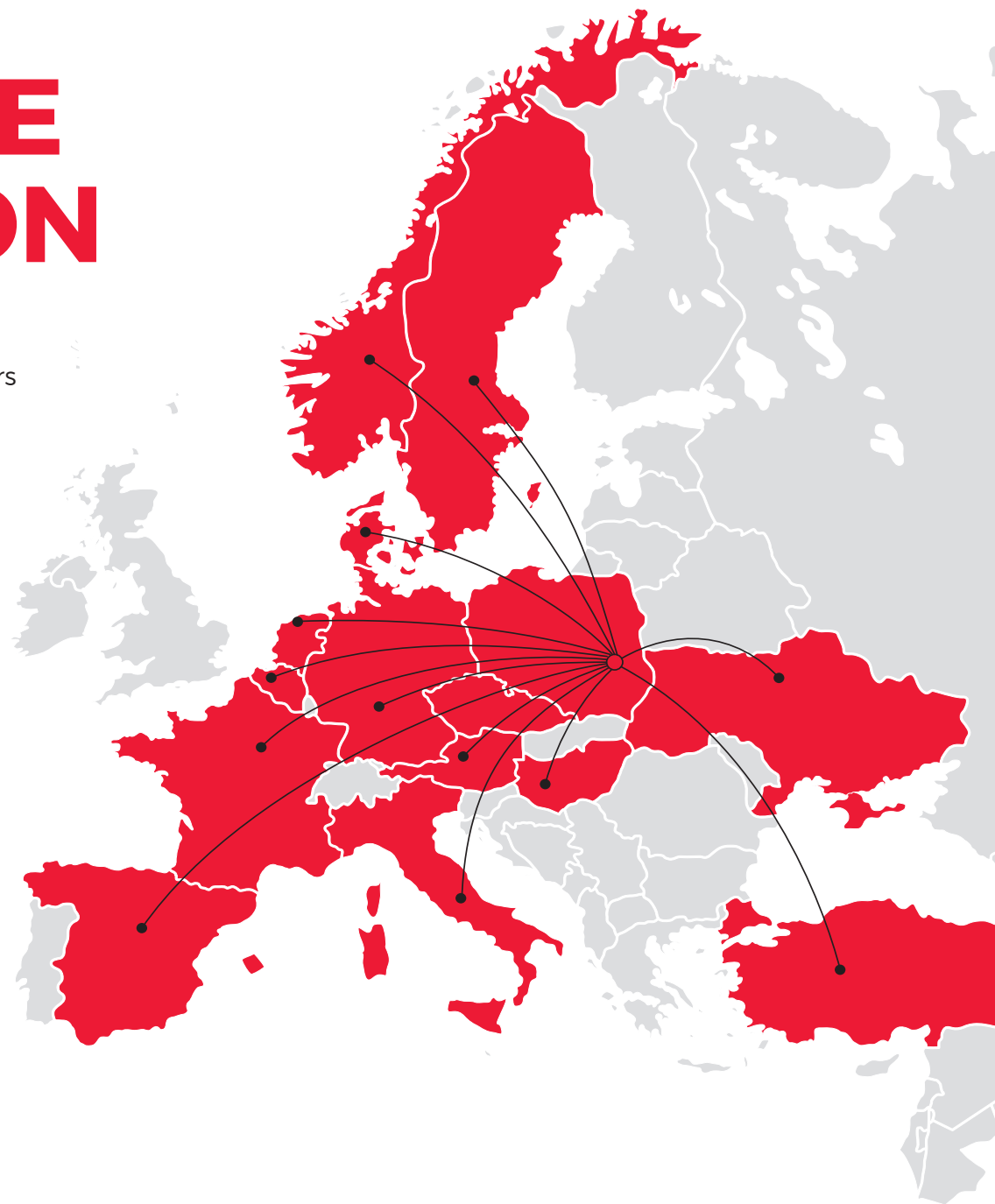
chain link

WORLD-WIDE COOPERATION

For many years now our main trading partners are foreign companies. Forgings produced in Kuźnia Matrycowa Sp. z o.o. are found in final products on European, Asian and South American markets.

Our products are delivered to first assembly line of global industrial manufacturers.

” We are present in a global supply chain of significant industrial manufacturing companies.



QUALITY

We constantly improve the effectiveness of the Integrated Management System to increase customer's satisfaction by meeting their requirements.

The long-standing experience of the Laboratory's staff ensures a high level of research, allowing us to undertake projects for our customers with the highest research requirements.

” Our products are subject to the highest quality control in the Laboratory accredited in accordance with the requirements of PN-EN ISO/IEC 17025.



IATF 16949:2016



ISO 14001:2015



PED 2014/68/EU



PN-ISO 45001:2018

ENVIRONMENTAL CARE

Thanks to modern technological solutions introduced over the years, we have managed to significantly reduce the company's impact on the environment by reducing electricity consumption, CO₂ emissions and by starting the production of electricity from RES installations as well as by recovering heat energy from technological processes.

” With great concern for the environment, we are constantly looking for the most environmentally friendly solutions.





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Feel free to contact us!

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