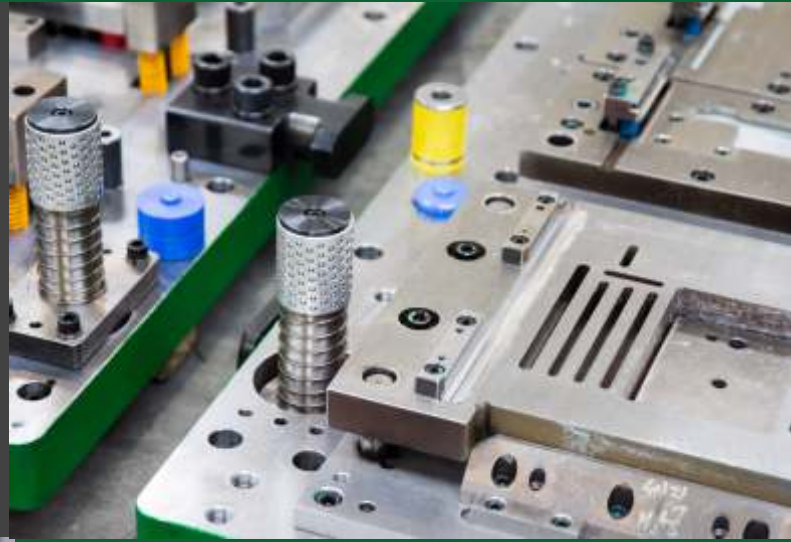
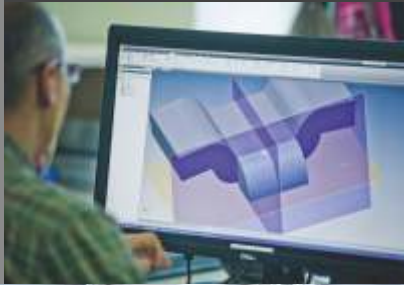


Expert in stamping!



Part of OKAYA&Co. LTD.
Group established in 1669



POLAND TOKAI OKAYA



AIDA

DS
Direct
Sales
System





POLAND TOKAI OKAYA

企業には変化する時代や取引先・顧客のニーズに速やかにそして柔軟に対応することが必要です。また主体的にどのように価値を提供できるかを常に問い続け最適な答えを出していかなければなりません。当社のDNAは岡谷鋼機グループが1669年から築き上げた、時代に向き合い対応する力が根底にあります。

また近年は企業の社会的責任を果たしていくことが求められています。

我々は我々が行う活動によりその役割を果たし、広く社会に貢献するために、健全で公平で創造的な企業として持続可能な成長を目指しています。

今後とも地域と一体となり常に挑戦し続け、全てのステークホルダーの最適調達パートナーとしてご評価頂けるよう力強く進んでいきます。

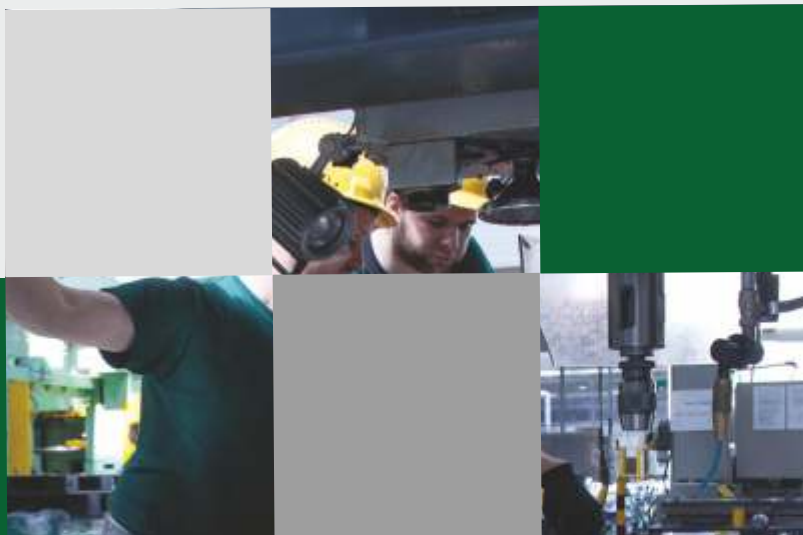
Companies have to respond promptly and flexibly to changing times and customers' needs. Therefore, we have to think constantly how to be a leading company and find the best solutions. The most essential values of our company have been built by the OKAYA Group since 1669, which clearly show that we have the power to respond the changing times.

In recent years it has also been required to fulfill corporate social responsibilities, thus we are aiming at sustainable growth and equitable and creative company in order to fulfill the role by our activities and contribution to the society.

We continue to constantly strengthen our cooperation with the local community, and we also aspire strongly to be evaluated as the best sourcing partner for all the stakeholders.

Satoru Kobayashi 小林 哲





POLAND TOKAI OKAYA

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ABOUT THE COMPANY



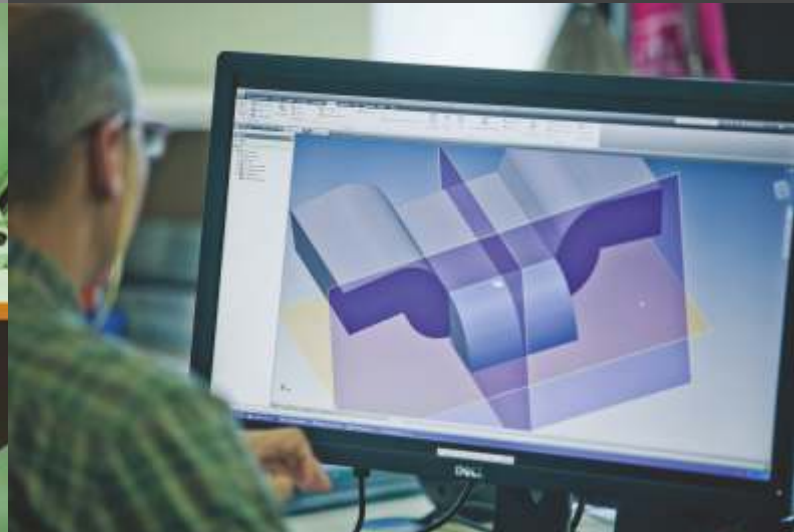
Poland Tokai Okaya Manufacturing Sp. z o. o. operates in metal industry supplying high quality pressed products: subassemblies for automotive industry, household appliance industry, renewable energy industry, precision meters components, electric bike components.

The elements offered by PTO are distinguished by high-quality workmanship, innovative technology and meticulously refined details. The company has a modern stock of machine tools, including facilities such as specialized production lines for large and complicated metals elements, servo press 630t, hydraulic presses, progressive presses, spot projection welders. We also have modern designing stations equipped with CAD programs, integrated with CAM modules of the tool shop based on 3D modelling.

Our consistent development on the competitive market is a good recommendation for our clients as it ensures reliable and stable cooperation. Poland Tokai Okaya Manufacturing Sp. z o.o. is a member of the Okaya Group established in 1669. The affiliation with this international group gives us access to state-of-the-art technologies, research, and materials used in the most technologically advanced pressing facilities of Japan.



Expert in stamping!



WHY PTO?

- modern machine park
- already established connections with local suppliers - metals, automation, packing solutions, other parts
- experienced tooling producer with own toolshop and designers
- management through quality,
- highly qualified personnel.

already established connections with local suppliers- metals, , packing solutions, other parts

HISTORY OF PTO

Our history is defined by the following key dates:

1669	SASAYA (hardware store) was founded by OKAYA Sosuke-Muneharu at Teppo-cho (where present Head Office is located), Nagoya
1937	Okaya Shoten Co., Ltd. was founded
1943	Changed corporate name to Okaya & Co., Ltd.
1952	Tokyo Office (presently Tokyo Head Office) was relocated to Shin Marunouchi Building
1967	Annual turn over exceeded 100,000,000,000yen
1986	Okaya Building (Head Office) was built
1990	OKAYA Tokuichi assumed President
1995	I.P.O. listed at NSE-2nd section (corporate capital was increased to 7,852yen billion)
1997	Transferred to NSE-1st section (corporate capital was increased to 9,128yen billion)
2000	ISO14001 was approved
2004	ISO9001 was approved
2004	Joined "The Henokiens", Association of family and bicentenary companies
June 2006	Establishment of the company Poland Tokai Okaya Manufacturing based in Ostaszewo near Toruń
November 2006	Start of factory construction
August 2007	Opening and production startup
March/May 2008	Double increase in space and productivity of the factory
August 2009	Commencement of Europe's first assembly line of LED technology TV modules
August 2010	Achieving ISO 9001:2008 certification
June 2011	First mass scale deliveries to the automotive sector
June 2011	Achieving ISO 14 000 certification
January 2012	First assessment of deliveries from the automotive sector – the title of the best supplier in the metal sector is maintained to this day
February 2013	Achieving ISO: TS 16949 certification
June 2020	Adaptation of the second hall for the tool area
July 2021	Completion of assembly of the new servo press with internal transfer



The company's systematic development has contributed to its financial potential and made the operation our modern factory possible.

Our goal is to become the
“Best Global Sourcing Partner”
with each of our valued customers
around the globe



The main shareholder (100% of shares) is Okaya & Co. Ltd.. Stability as well as financial and technological capabilities are among undeniable advantages offered by the global owner.

Owing to the membership of the Okaya Group, we have access to state-of-the-art technologies, research, and materials used in the most technologically advanced pressing facilities of Japan, which have financial and business ties with our owner.

Poland Tokai Okaya Manufacturing is a part of the globally operating Okaya Group. The origins of the Group date back to 1669, when Okaya Sosuke started a metalware shop called the SASAYA in Nagoya, Japan. The current ownership structure has been in place since 1937.

In 2020 Okaya celebrated the company's 350th anniversary.

The company has been constantly developing ever since the 17th century. The Meiji Restoration which transformed Japan into a modern state gave a considerable stimulus for expansion of the

company. Currently, the Group has tens of offices and subsidiary companies scattered across the world, from Australia to Korea and from Brazil to Poland. Okaya & Co. Ltd. is also one of the oldest corporations in the world, and as a result is affiliated with the elite Henokiens Association bringing together the world's longest operating companies. More information on the topic is available at:

http://www.henokiens.com/index_gb.php.

At the moment, Okaya is involved in a whole range of commercial transactions and production projects. Its historical background and the main area of interest links the Group strongly with the steel market. However, its operations extend to chemicals, food, machinery and many other products. It is a priority of the company to become the Best Global Partner by accommodating individual needs of every customer. The entire Group personnel take every effort to provide our partners with reliable solutions.



TOOL WORKSHOP



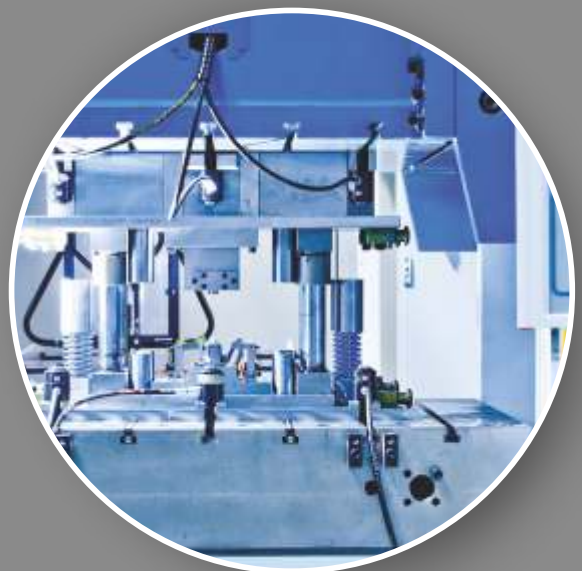
We are aware that in our business tools are crucial for making a good product. For this reason, PTO has developed the ability to design unfailing tools and maintain their technical efficiency. We cover a complete tool making process, from designing to final tests. Our design engineers use state-of-the-art 3D tool modelling and simulation software. Together with our own tool shop, they offer optimum technological solutions. As the tool shop plays an important role, it is constantly expanded supplying our clients with new solutions on a regular basis.

The priorities of PTO include proper maintenance and operational condition of tools to ensure appropriate quality and reliability of supplies to our clients.



Our tool-related services include production of tools, processing of parts for production instruments, stamping dies and blanking dies for sheet plastic forming. Our offer also includes machining, plastic working, and electromachining. We have a rich machine park equipped with CNC and EDM machines.

Our tool shop has its own design and technological office facilities equipped with CAD programs integrated with CAM modules of the tool shop and operating in 3D environment. We are using also symulation software, that alow us to find and eliminate unnecessary risks during the project. Our clients are also provided with tool servicing.





PRESSING



The operations of Poland Tokai Okaya Manufacturing focus primarily on production of pressed components of varied complexity. A comprehensive stock of modern presses makes it possible for the company to produce items of a broad range of dimensions, thickness and shapes, all undergoing strict assessment and control. The structural elements of our making meet very strict standards and technical regimes of the automotive industry. The comprehensive stock of machine tools combined with knowledge and skills give us the ability to successfully deal with most of our client's issues.

The production of finished metal products relies on innovative solutions applied by leading manufacturers.



With our automatic transfer lines we are able to offer pressing services for components of complex shapes and very large dimensions. The total capacity of the presses is up to 1450t divided into two groups of presses comprising respectively 6 machines.

For smaller components we can offer production based on progressive tools. With our presses of 200 to 600 tons we can make components ranging from several to hundreds of square centimetres.

For deep drawing we offer processing with hydraulic presses listed among the most modern machines of the kind. They save time and energy, thus giving us the possibility to offer competitive prices. Our stock of machine tools also includes a series of presses of the single type with lower tonnage used for small lot production or products requiring single tools.

From 2021 we also have a DSF AIDA servo press with capacity 630t and equipped with internal transfer. We use a whole range of materials in our work ranging from aluminium and black steel to a variety of stainless steel and copper. We also process pre-paint steel or visual materials. Our machines can deal with thickness ranging from 0.1mm to 8mm.

PROJECTION WELDING

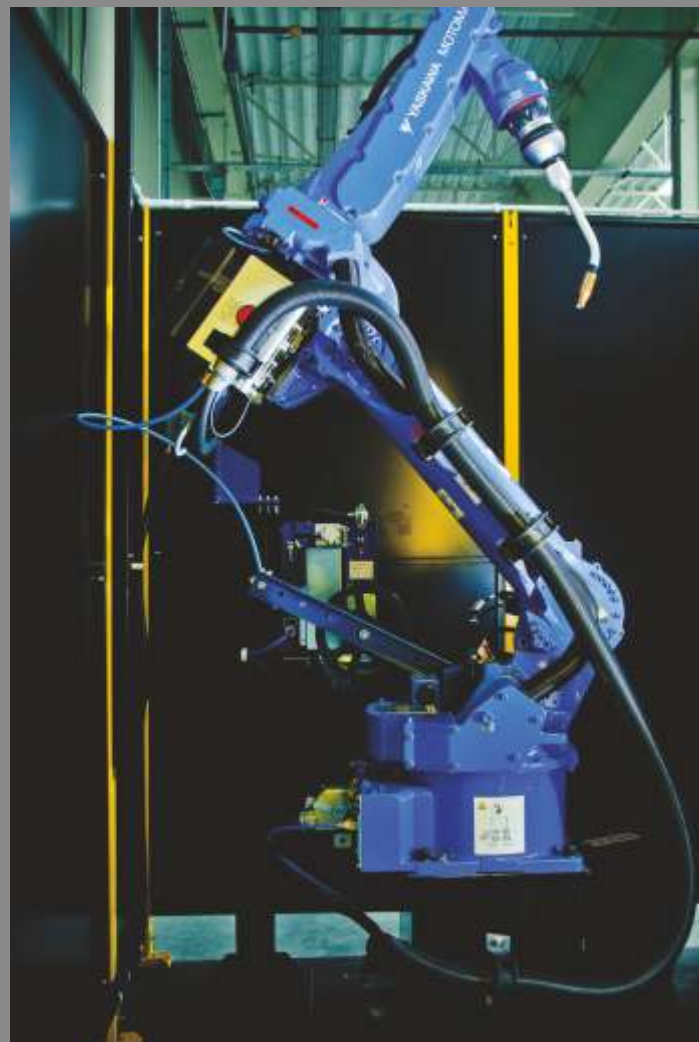


PTO offers projection and spot welding compliant with the requirements of the technological regime of the automotive industry. The stock of machine tools was developed based on modern inverter-type units offering perfect control over the welding parameters.

Components created in the projection welding process.



WELDING



Based on modern solutions from SKS company, we have installed a robotic welding cell ensuring high quality and repeatability of the welding process. The cell is fitted with a reliable 5-axis Yaskawa Motoman robot of considerable range of movement.

Components created in the welding process.



ASSEMBLING



From a single label to complex components. From a nut to electronics... No matter what the complexity or the elements used, our company is ready to design an optimum assembling process and smoothly implement it relying on our considerable experience.



For a great number of companies, threading is a time and money consuming proces. PTO has solutions enabling threading of dozen holes in a single machine cycle thereby offering an efficient process at a competitive price. We are using thread formers and taps depending on the customer's needs. All the tools necessary for the process are made in our tool shop.

WASHING



If necessary, we can offer the service of washing the oils off the components. We have washing unit based on a Japanese technology developed by Takahashi where only water of diverse ionization is used in the washing process. This makes the component washing procedure an environment friendly process.





MANAGEMENT THROUGH QUALITY



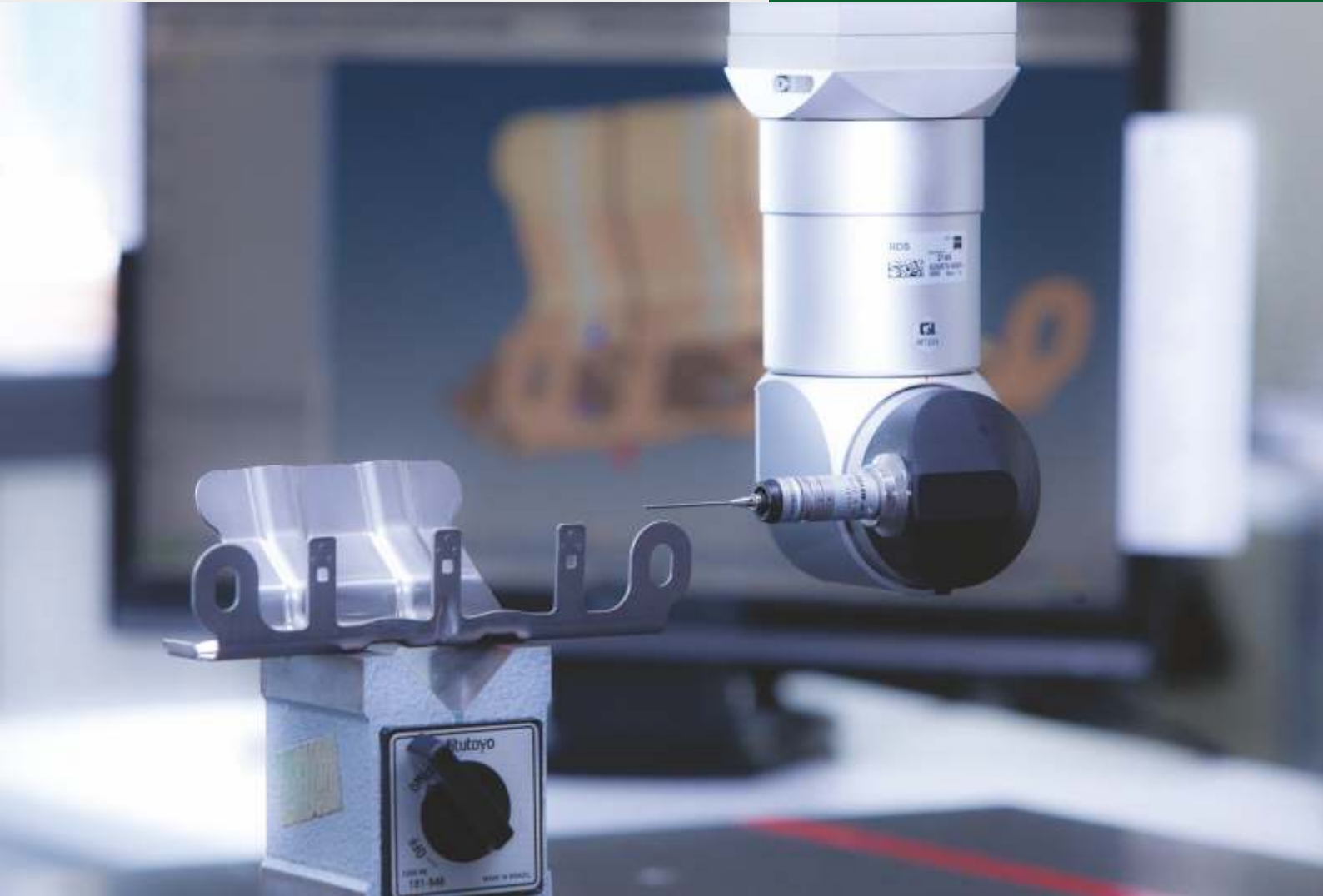
Being an international company, we are fully aware that our company will succeed only if it establishes mutually beneficial relationships with the clients and adheres to the approach based on the principles of sustainable development. We lay the foundations for the relationships by supplying products of the highest quality, constantly boosting the satisfaction of clients, and caring about the natural environment.



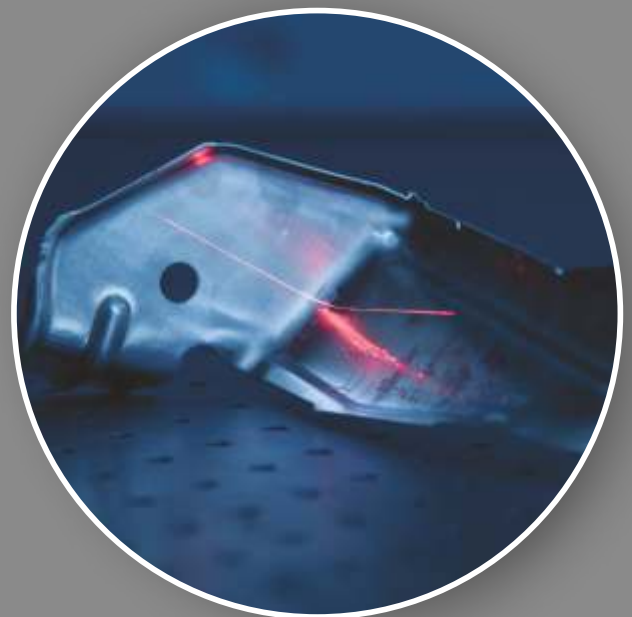
Focused on achieving this goal, our company has implemented the following measures:

- **1**Quality Management System based on PN-EN ISO 9001:2015.
- Quality Management System compliant with ISO/IATF 16949:2016.
- Environmental Management System compliant with PN-EN ISO 14001:20054001:2015

OWN LABORATORY



We have our own lab facilities suitable for conducting even the most complicated measurements and analyses. Our well-established experience in precision 3D measurements, chemical analyses, and performance tests makes us reliable in our work. We also perform macrographic testing of welds and pressure welds as well as a number of other tests needed in automotive industry, household appliances industry & audio/video devices. Statistical analyses are performed for the processes, which facilitates production management and improvement.





SAMPLE PRODUKCTS

AUTOMOTIVE



A comprehensive stock of modern presses makes it possible for the company to produce items of a broad range of dimensions, thickness and shapes. We are experienced in using various materials such as steel, aluminium, stainless steel, copper.

HOME APPLIANCE

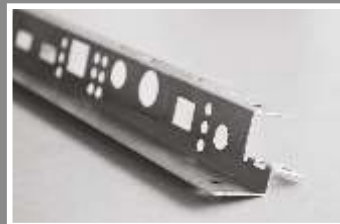
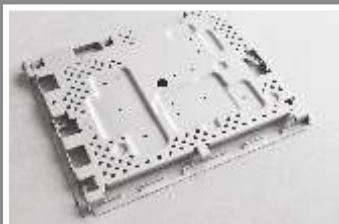
The pictures shows a drum back- a key part of any washing machine. We have been producing this part continuously since 2014. Initially, the element was produced in two stages, deep drawing on a hydraulic press, the remaining stages on mechanical presses. We have managed to design a set of tools for deep drawing on mechanical presses. Currently, all steps are performed on a mechanical press with external transfer.



DEEP DRAWING



LCD TVs



HOUSEHOLD APPLIANCES



Contact us!



It is the mission of the company to supply products of the highest quality and to constantly improve the satisfaction of our clients.

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