

 **plastwil**
PLASTIC PROCESSING



Brand strength

For 35 years in good condition

PLASTWIL has already 35 years of experience in plastic injection molding process. Our primary objective, which we have been gradually achieving over the years is to build a strong brand, that is a symbol of high quality with guaranteed durability and safety.

Due to many years of experience, know-how and well qualified staff, we have become a modern company with 400 employees providing our products on the domestic and foreign markets. We have been reporting high growth rates for many years and numerous of actions related to social responsibility.

We have successfully developed our port folio of products, and thereby we have become a reliable and trustworthy supplier for such industries, inter alia, AUTOMOTIVE, HOUSEHOLD and ELECTRICAL APPLIANCE. Each day we manufacture components, which are an integral part of our daily life. Our R+D department helps us to create the complex solutions from design to implementation, providing the optimal solutions that meet the needs of our customers, the industry and the market.

Many years of tradition combined with innovation and individual approach to the customer makes each new project treated as a dedicated service.

We kindly invite you to cooperation!



Izabella Wałkowska

Izabella Wałkowska

CEO & President of Management Board



Plastics
Processing

A wide range of possibilities

The company performs the manufacture of plastic components in the modern machinery park, equipped with the injection molding of worldwide recognized producers such as Arburg, HR, Engel, Sandretto. Manufacturing machines are equipped with Wittman and Yudo robots and peripherals including, inter alia, volumetric feeders dye, hot air dryers, gravimetric four-chamber mixer.

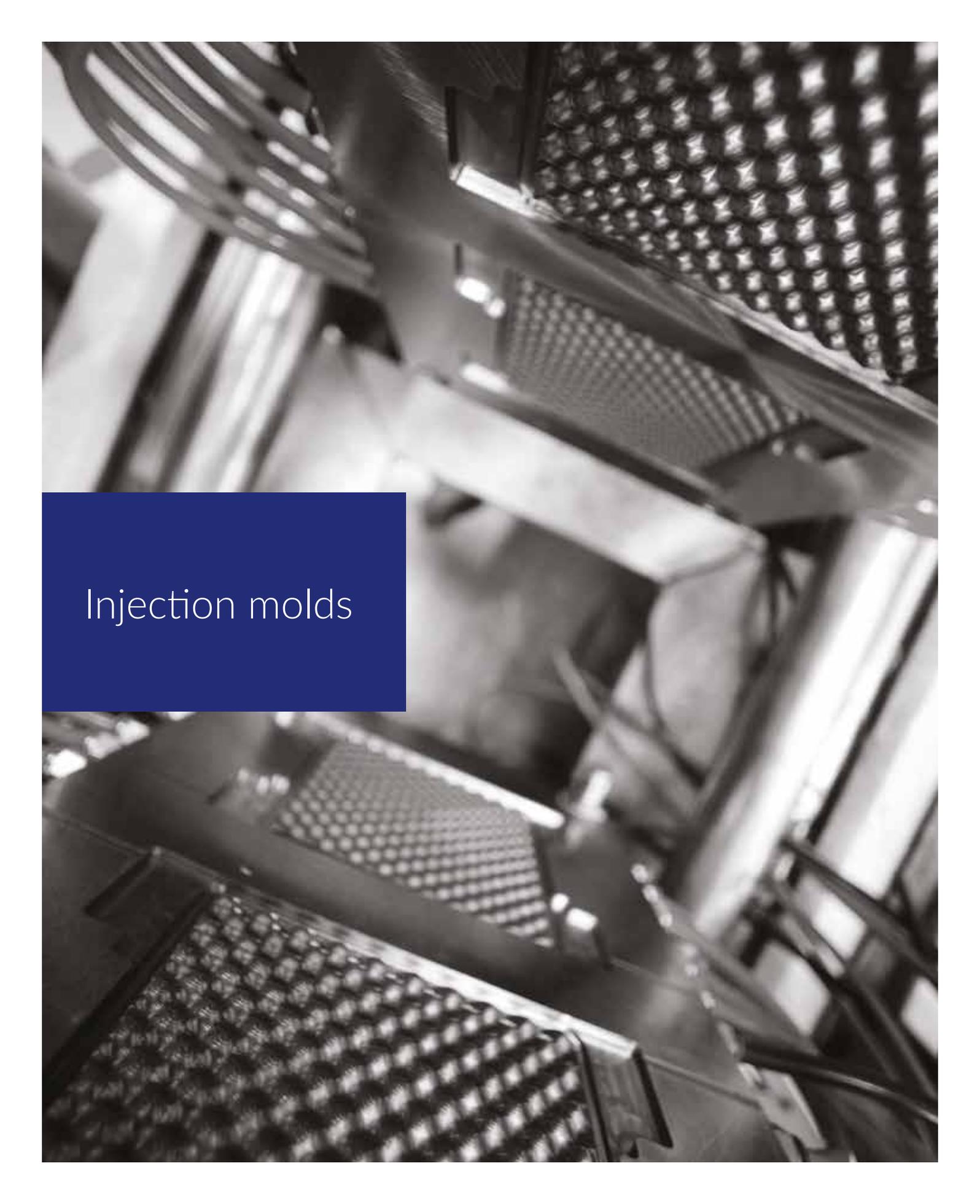
PLASTWIL processes many types of thermoplastics for the production purpose, including:

- ABS,
- ASA,
- PP,
- PA6, PA6.6,
- PC,
- PC + ABS,
- PC + PBT,
- PE,
- POM,
- PS,
- PUR

and modified materials:

- modifications reinforced with fiber-glass,
- modifications filled with minerals,
- non-flammable modifications,
- colored modifications,
- modifications with modifying substances (e.g. modification resistant to UV radiation).

The company provides research and analysis services on plastics, and also specializes in the research of raw materials (granulated products), as well as final products.



Injection molds

Designing of components and injection molds

PLASTWIL's designers and engineers create technical projects and 3D work pieces of plastics, mechanical metal workings and design injection molds. Despite of the project, our work includes optimizations in terms of efficiency and economy.

The company uses CAD software (Solid Edge)/CAM (NX), which combined with the experience and knowledge of our specialists ensures the highest quality and durability of used tools. We use Moldflow system for thermoplastics injection molding process, which allows us to simulate the injection including all its phases. Computer simulations performed already at the stage of the project development allow engineers to design the proper detail and injection mold and to select the optimal processing terms.

We use state of the art technologies in preparation of prototypes, based on which we build the injection molds for mass production. Our own tooling department is equipped with modern numeric control machines, which enables to take immediately actions to remove the breakdown or implement the modifications maintaining the supply and maximize the efficiency of the production process.

SERVICES AND CUSTOMER SUPPORT:

- details and injection molds designing,
- designing of technical documentation – technical drawing/2D/3D models,
- design, manufacture, modification and maintenance of injection molds,
- tool path generation for CNC machines,
- technical consulting.

TOOLING SERVICES:

- cutting machining on CNC machines,
- electrical discharge machining,
- heat treating,
- abrasive machining.



Household

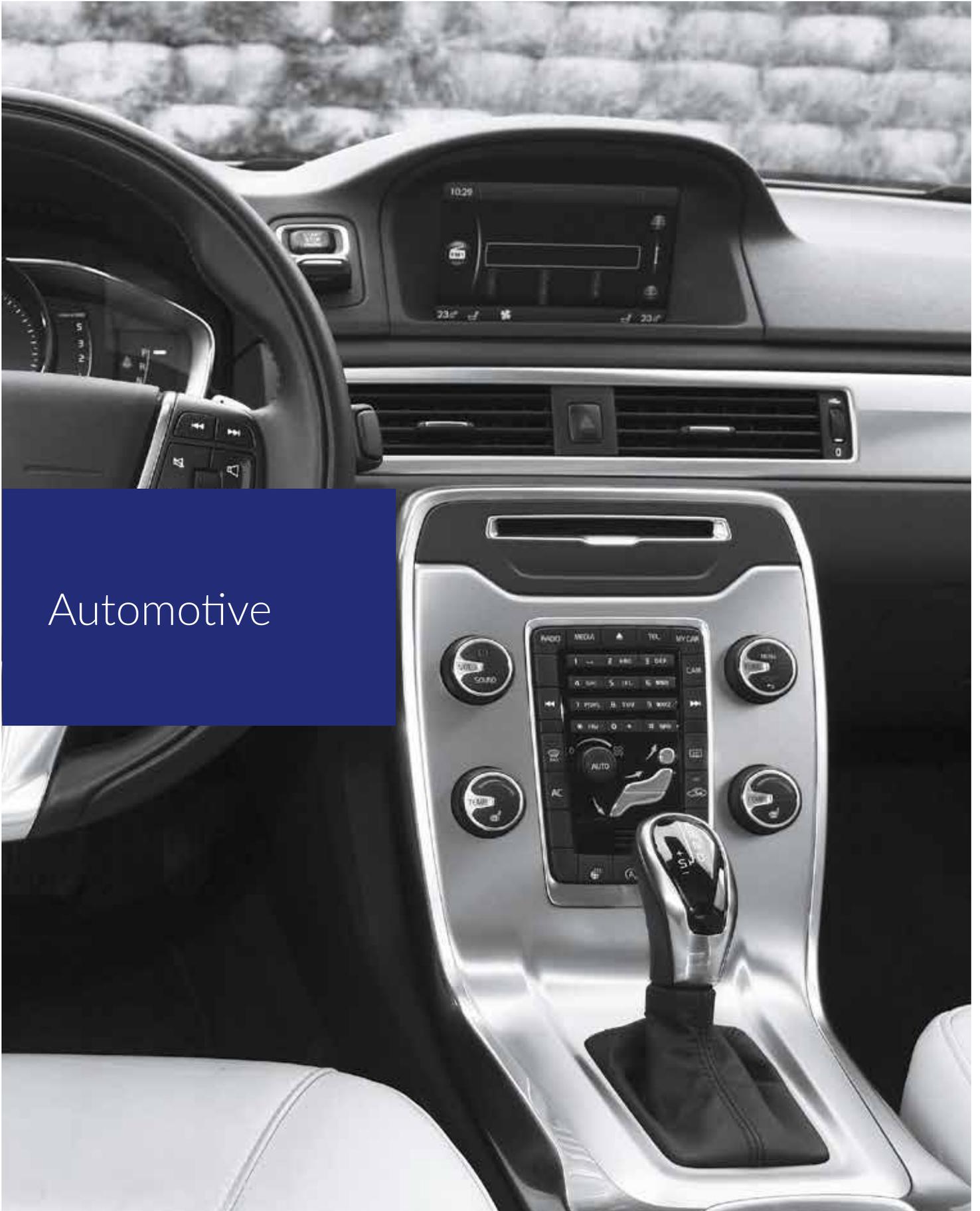
Details at your fingertips

Plastics details manufactured by PLASTWIL company are used as sub-assemblies for the manufacture and installation of household appliances for everyday use. We produce details which are used for, inter alia, washing machines, refrigerators, gas cookers, air conditioners and housings, connectors and blinds of worldwide leading manufacturers.

Our cooperation is based on the principles of Business to Business. We use our built injection molds, as well as entrusted customer's tools for providing the moldings.

The elements we manufacture are directly supplied to production lines (Just in Time) executing domestic and international shipping. We implement short and long production series combined with the assembly of components. Production is based on 32 injection molding machines with the clamping force from 80 up to 1000 tons. The injection weight is up to 5600 g provided in RAL colors on customer's request.





Automotive

With passion for automotive

PLASTWIL manufactures for AUTOMOTIVE industry a wide range of technical details, external parts and interior equipment, such as following: engine and ventilation components, safety systems and aesthetic car cabin details.

Our customers are OEM and Tier 1. We supply components directly to domestic and foreign assembly lines, supporting our partners on each stage of order realization. Implementation and certification of worldwide recognized IATF 16949:2016 standard in PLASTWIL ensures the reliability of our company and fully meets

the prerequisites for cooperation with the world's largest manufacturers of automotive industry. Services provided by PLASTWIL must comply with the criteria of time, quality and precision.

OUR ADVANTAGES:

- our own production, modification and service of injection molds,
- execution and implementation of prototypes,
- dedicated injection machines for the customer,
- short terms of orders realization.





Quality Control
System

Planning and quality assurance

PLASTWIL manufactures the highest quality elements in compliance with using modern production technologies and health and safety. Environmental protection is an integral part of our core business.

To assure the highest quality of all taken actions, PLASTWIL operates according to the implemented principles of an Integrated Management System in relation to the following standards:

- ISO 9001, Quality Management System,
- ISO 14001, Environmental Management System
- ISO 18001, Health and Safety Management System,
- IATF 16949:2016, Quality Management System in the Automotive Industry,
- Production Control System (ZKP) with Technical Approvals and Technical Specifications for Performance & Acceptance.

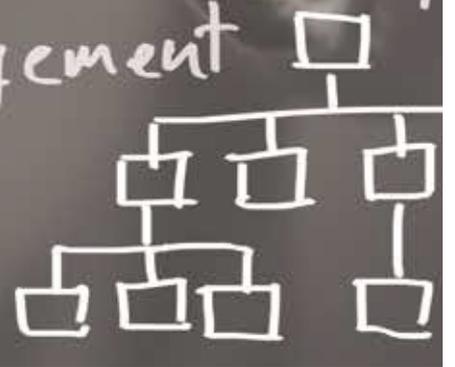
Planning and quality assurance in PLASTWIL can be achieved through the following objectives:

- **employees accident prevention** through health and safety,
- **environmental protection** by systematic reduction of waste production quantities and raw materials consumption,
- **realization of manufacture process in accordance to the rule of „0“ faults,**
- **improvement and optimization of production processes** with the application of Production Control System,
- **strengthen market position** by attracting new customers and ensuring customer satisfaction
- **continuous improvement of organization processes.**

PLASTWIL's Management shall regularly assess the effectiveness of the Management System and the implementation of objectives in relation to processes, environmental protection, products compatibility and finally customer feedback.



R+D



The knowledge-based company

The company's and staff's commitment to development and innovation is based on the use of knowledge, years of experience and developing human resources. We implement the innovative technologies, which enable to meet the most significant quality standards in the terms of offered products and services.

R+D specialists assist customers in designing the details and mold parts based on the strength and durability parameters. Additional benefit for our customers is the possibility to meet the recommended technological and economic solutions at each stage of the process, that constitute the principal objective of our engineers work.

Continuous development and strategic planning guarantee our clients the complexity of services in order to meet the growing demand for innovative

solutions. We are able to execute entrusted task on existing molds, keeping them ready and regenerated, starting with project idea through design, 3D documentation preparation, production molds and finally product manufacture.

We develop our competence in products and processes thanks to collaboration with leading scientific research institutions in the country and abroad.

R+D SERVICE AND SUPPORT

- consulting in products design,
- assistance in the selection of plastic and manufacturing technology,
- research supporting the modifications to agreed client's guidelines.



ECO friendly

Care for the environment

Care for the environment is the major issue for PLASTWIL. It is expressed by multi-dimensional activity focused on three main benefits: ecological, economic and social. To meet the demands of modern world, we execute our processes based on the principal of respect for the environment, in which we live in, and which we will pass on to the future generations.

Implemented and continuously improved Environmental Management System in compliance with the international standard ISO 14001:2004 is one of the examples of our called actions, which are implemented thinking of environment. Our business activities aimed at permanently reducing the negative impact on the environment, implemented by:

- **waste segregation** 99% of our waste is being recycled
- **threats and risk elimination in the production processes and offered products** through the usage

of raw materials and materials without dangerous substances, including carcinogens, mutagenic, impairing fertility,

- **implementation of energy efficiency solutions** through the purchase of energy-efficient machines and office equipment, construction of new facilities in compliance with energy standards,
- **application of best available techniques** through application emission-free BAT (Best Available Techniques).

Eco-friendly PLASTWIL's policy promotes company's image, which uses technologies and manufactures environment-friendly products while increasing economic effects. We also put high requirements regarding the environment protection into our suppliers and subcontractors in terms of products and services.



Team

Passion and ambition is PLASTWIL's force

PLASTWIL is made up of people, whose value is not only expertise, but also a personal commitment to the continuous development of the company. We are creative, open to innovations and eager to seek sensational solutions. We work with passion, that changes into the highest quality of our projects and services.

Our specialists are not only engaged in business, but also willing to change the reality, and above all they operate in accordance with ethical values. We follow the rules: freedom, responsibility, quality, efficiency and mutual support. All tasks of each project stage

are made professionally and on time, in the atmosphere of trust and respect, regardless of their degree of complexity. The quality refers to all elements of our work, but in the end it concerns what is delivered to the customers.

We create an attractive working environment for our current and future employees. Our main goal is to make people aware why they want to follow us and respect our values. The power is the people – highly qualified specialists, who thanks to their passion, ambition and hard work, create a strong and solid organization.



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