

Company Presentation



19.07.2022

TRADITION AND EXPERIENCE

Form-Plast S.A. is a company with **40** years of tradition and experience.

40 years of a stable
position on the market

High quality

Delivery on time



MACIEJ PIETRASZEK
Founder of the Company

TRADITION AND EXPERIENCE



RESEARCH AND DEVELOPMENT

TOOLSHOP

DESIGN / CONSTRUCTION

INJECTION MOLDING

METALIZATION / PAINTING

SPECIAL DESIGN / CONSTRUCTION DEP.

During many years of cooperation with the leaders of both the automotive and electronic industries, we have perfected with production of plastic elements, providing our customers with millions of elements per year, and the wide range of services offered, apart from injection molding, also includes the production of injection molds and various surface refinement methods, such as metallization, painting, padding and screen printing.

OUR FACTORY

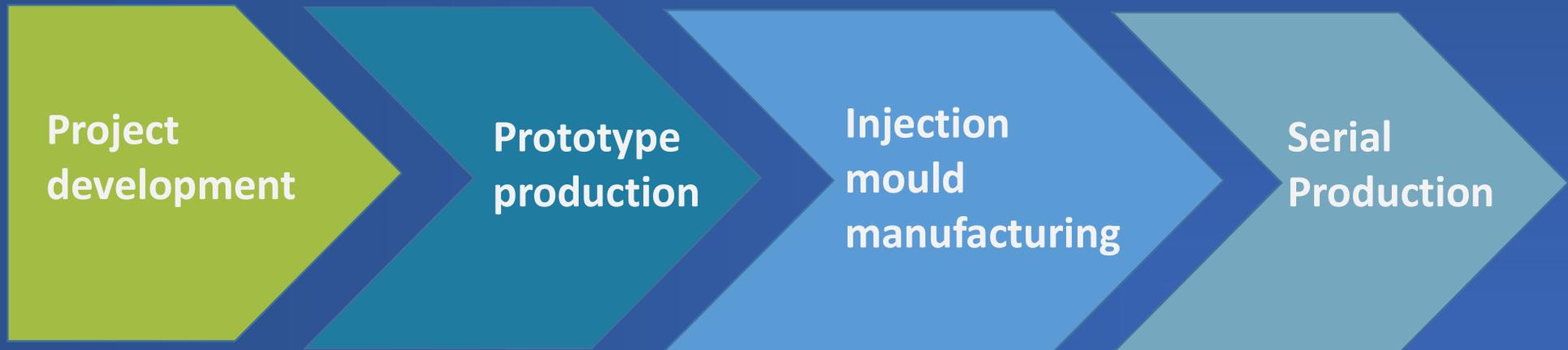
FACTORY OCCUPIES AN AREA OF 30.000 SQM INCLUDING:

- ✓ production facility area: 20.000 sqm
- ✓ warehouse with 4.500 palletes capacity
- ✓ office space 1.500 sqm total



PROJECT DEVELOPMENT / CUSTOMER SUPPORT

Accordingly to our advanced equipment we offer complex customer service starting from product idea, through project development, prototype production, injection mould manufacturing, and serial production at the end.



INJECTION MOLDING

65

INJECTION
MOLDING
MACHINES

30 – 3000 t

TONNAGE RANGE

33 kg

MAX. PART WEIGHT

1K

ONE COMPONENT
INJECTION
MOLDING

2K

TWO COMPONENTS
INJECTION MOLDING

MuCell

GAS ASSISTED
INJECTION
MOLDING

HEAT & Cool,
E-MOLD,
INDUMOLD

INJECTION MOLDING

FORM-PLAST S.A. has 4 production halls for injection details. All machines are prepared for fully automatic production.



INJECTION MOLDING

FORM-PLAST S.A. has a very extensive and varied machinery park, which includes **65** injection machines with clamping forces from **30** tons to **3000** tons. This diversity makes us able to produce very small details to large-size details of the EURO PALETTE type.



INJECTION MOLDING



Our machine park is constantly expanded and modernized according to the latest solutions from companies such as Engel, KUKA or Trexel.

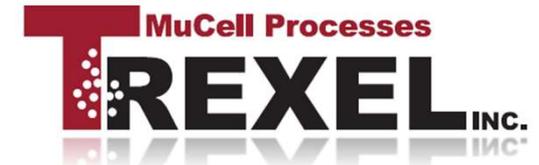
ENGEL

KUKA

MuCell Processes
TREXEL INC

FORM-PLAST
PLASTIC PROCESSING - INJECTION MOULDS

INJECTION MOLDING



Using of Trexel's MuCell technology brings a number of financial, technological and quality benefits



5% – 40%

PART WEIGHT REDUCTION



SHORTER CYCLE TIME UP TO 40%

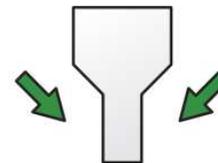


SINK MARKS REDUCTION

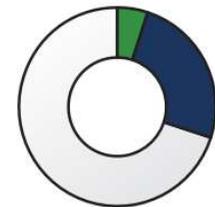


25% – 50%

LOWER CLAMPING FORCE



THINNER WALL OF THE PART



5% – 30%

ENERGY SAVING

INJECTION MOLDING

All our injection moulding machines are equipped with robots and manipulators prepared for fully automatic production

KUKA



TOOLSHOP

21

3, 4, 5 - AXIS
CNC MILLING
MACHINES

10

GRINDING &
TURNING
MACHINES

30 TON

MAX. WEIGHT OF
THE TOOL

1

3D METAL PRINTER

10

EDM MACHINES

2

SPOTTING PRESS

DEEP HOLE
DRILLING

DESIGN OF THE
TOOLS

TOOLSHOP - DESIGN

Our team consists of qualified engineers with many years of experience in the production of injection molds and plastic parts. In our company we are using mechanical analyzes and the filling of the mold cavity. We have the highest quality software for the automotive industry, thanks to which we can perform very complicated injection molds.



TOOLSHOP

What distinguishes us from others toolshops is not only the size of the machine park but also its diversity. We are able to produce very small injection molds weighing up to **200 kg** up to huge injection molds weighing **30 tons**.



TOOLSHOP

Extensive machine park and financial background, allows us to produce many tools at the same time.



3D METAL PRINTER

MATSUURA LUMEX Avance-60 3D METAL PRINTER

The ability to "grow" a metal component in layers with complex internal features and mill those internal features as the layers are added to give a perfect surface finish.

Distinctive and remarkable production machine tool which offer a route to designing what you can imagine, and not be limited by the restrictions of current production methods, strategies and machines.

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METROLOGY LABORATORY

TOOLS
CALIBRATION

2D AND 3D
MEASUREMENT

ROUGHNESS
MEASUREMENT

STRENGTH
MEASUREMENT

MICROSCOPE
MEASUREMENT

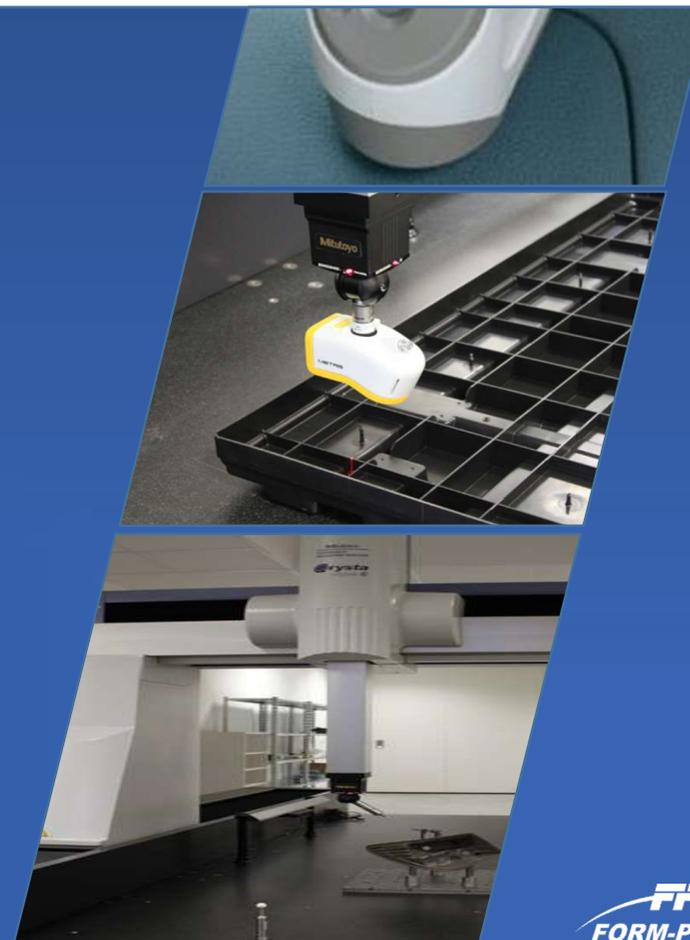
MATERIAL
HARDENESS
MEASUREMENT

MVR CHECK OF THE
RESIN

SPECTROPHOTOMETER
MEASURES

METROLOGY LABORATORY

FORM-PLAST S.A. has its own measurement laboratory equipped with 250 quality assurance devices that guarantee effective measurements.



SPECIAL DESIGN/CONSTRUCTION DEPARTMENT

CONSTRUCTION OF
NON-STANDARD
TOOLS

WELDING OF
METAL AND
ALUMINUM
CONSTRUCTIONS

MOLDS FOR
COMPOSITES

COOLING EQUIPMENT

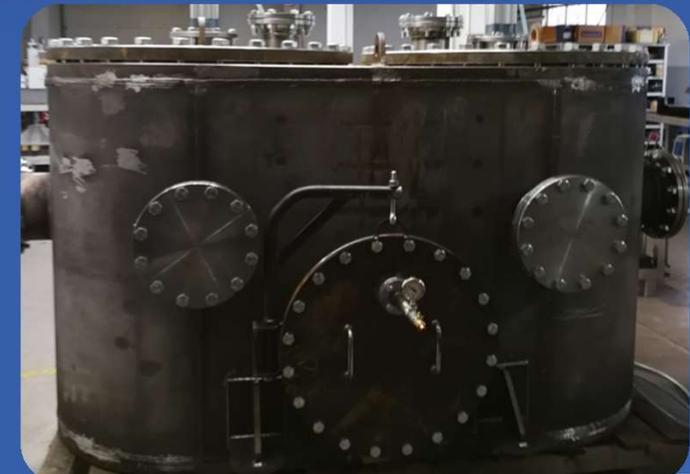
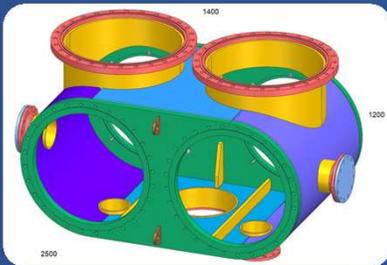
LASER CUTTING

BENDING

AUTOMATION OF
THE PROCESS

„SPECIAL”
EQUIPMENT

SPECIAL DESIGN/CONSTRUCTION DEPARTMENT



The Special Constructions Department is responsible for the construction and manufacture of very specialized large-size devices, which cannot be made using traditional methods.

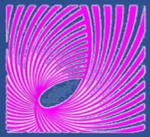
SPECIAL DESIGN/CONSTRUCTION DEPARTMENT



SPECIAL DESIGN/CONSTRUCTION DEPARTMENT



METALIZATION



Kolzer

Coating technologies in vacuum have widespread appliance in various types of fields. The flexibility of this technique allows covering a wide range of different types of materials, regardless of their shape, geometry and size. The result of this type of process are objects of both technical and decorative use, which are perfectly shiny, perfectly reflective, have a metallic appearance. In addition to the high strength and resistance of the coatings obtained, the product gains a decorative appearance and long-lasting effect.



BRANDS / CUSTOMERS TRUST US

AUTOMOTIVE CUSTOMERS



65 %

TURNOVER

NON-AUTOMOTIVE CUSTOMERS



20 %

TURNOVER

SPACEBOX



- POLAND
- GERMANY
- AUSTRIA
- UK
- TURKEY
- CZECH REPUBLIC

15 %

TURNOVER

CERTIFICATES

Beside the improvement of machines and technical equipment together with manufacturing methods development, Form-Plast S.A. focuses on quality of products and services with respect to environmental requirements and safety of personnel.





SPACEBOX

To meet the expectations of our customers, we have created our own brand of packaging dedicated to the industry.

RETURNABLE PACKAGING SYSTEM FOR LOGISTIC

- ✓ containers
- ✓ pallets
- ✓ pallets with folding frames
- ✓ covers



www.spacebox.pl

THANK YOU FOR YOUR
ATTENTION!



KONTAKT:

TEL.: +48 52 370 33 00

e-mail: form-plast@form-plast.com.pl

www.form-plast.com.pl

Form-Plast S.A.

ul. Toruńska 143

85-831 Bydgoszcz

POLAND