



**Offer 2019**



*We have been on the Polish market since 1997. We specialize in the production of precision metal elements, including for the automotive industry, household appliances, energy industry and large elements cut out by water jet for the needs of aviation and railway industry construction. We use the experience gained over years to improve our products and services so that in the era of growing demands of our clients, we can meet them duly.*

**CNC machining**



*In the field of machining, all kinds of steel, brass, bronze, copper, aluminum and plastics are processed. We also machine casts of cast iron (gray and spheroidal), aluminum and bronze.*

**Laser welding and methods conventional TIG, MIG, MAG**



*Laser welding opens up new possibilities for precise and demanding welding tasks. Thanks to this service, our clients' processes become simpler, faster and safer.*

**Cutting with an abrasive water jet**



*We provide cutting of composite materials and temperature-sensitive materials, such as: aluminum alloys, alloy steel and titanium. We also cut marble, granite, ceramics, plastics and other materials.*

## Our machine park

*Thanks to the appropriate machine facilities, we are able to meet the commitments made to our clients and implement them on the basis of detailed schedules.*

### MORI SEIKI NT 4300

*The NT series is an integrated turning and milling CNC machining center with counter-spindle and indexing of both spindles, combining the latest technologies.*



### HARTFORD HSA-628 EAY

*5-axis gantry milling machine. It has three conventional axes XYZ plus a biaxial head, which gives the possibility of processing details from five sides.*

### FLOW WATERJET

*It is used for cutting water (6000 bar) of various materials, of any shape and thickness. It is characterized by high cutting accuracy in every metal, without thermal impact. It enables the most common processing of parts "ready", without additional finishing.*



### LASER 3D LT-FREE

*The system is equipped with a fiber laser source, which ensures cutting of each metal with maximum efficiency and accurate quality. The laser cutting system with 5 axes is ideal for machining any metal details, including bent pipes, hydroformed pipes, pre-welded tubes, flat or embossed surfaces.*

## Our machine park

### PRESS BRAKE PPEB – 8

*The press brake of this series offers high precision and versatility. Equipped with the latest hydraulic system and electronics, this press can effectively perform both straight and complex bending.*



### TPM ELITE 3200 SLS - 3D printer



*Selective laser sintering.*

*Printers of this type form objects by applying successive layers of powdered material and their selective sintering using a laser beam. Polyamide PA 12 is used for printing this method. This technology does not need support structures. The unheated powder itself is a suitable support. Thanks to this, it is possible to make even the most complex shapes and spatial structures with a small wall thickness, at the level of a millimeter.*

### BLM ELECT – L80

*Fully electric 9-axis bending machine with the possibility of bending right and left.*

*This bending machine is designed for bending round, square and oval tubes, rods and profiles. BOOSTEREL5 system for bending with variable radius and buster with pressure up to 5000 kg with automatically changed speed.*



### YOU JI

*Vertical lathe - a very efficient machine tool designed for machining heavy objects with large diameter:*

- maximum turning height of 1200 mm.*
- maximum turning diameter 1800 mm.*





## Our machine park

### ROMER ABSOLUTE ARM

*The ROMER measuring arm is a universal three-dimensional measuring tool. With it, we can measure faster and get accurate, reliable results at any time.*

- measuring range 2500 mm
- point repeatability 0.020 mm,
- spatial accuracy 1 0.029,
- number of axles 6.



In addition, we also have in our product offer **cable tester for the automotive industry**, which will reduce the time required for the cable assembly process by almost 90%, increase production efficiency, automate the evaluation and control processes, and introduce a new standard in the quality control of automotive wiring and **unbroken sieve bottoms for shell and tube heat exchangers** as well as many others in the field of machining, cutting, bending, welding, welding or grinding .

We encourage cooperation. We provide an individual approach to each client.

Please send orders and inquiries to our e-mail address: **biuro@malczyszyn.pl**

**We will contact you to discuss the details.**

### MALTEX- ADAM MALCZYSZYN

58-372 Boguszów-Gorce

ul. Reymonta 1d

tel. +48 74 844 93 09

biuro@malczyszyn.pl

www.maltex-malczyszyn.pl

We are for you every working days  
Between 8 a.m. to 4 p.m.

