

Processing of metal and plastic

ALPHA CENTRE



- ✓ Complex metalworking on machines with computer numerical control
- ✓ Serial production of precision parts
- ✓ Sharpening and manufacturing of metal-cutting tools
- ✓ Production of molds
- ✓ Pressure plastic casting



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Metalworking

Range of services:

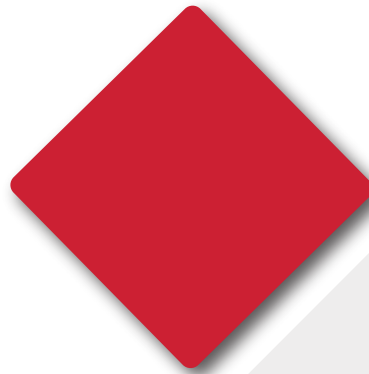
- ✓ Design products based on customer sketches
- ✓ Turning and milling on high-precision 5-axis machines
- ✓ Electric erosion machining
- ✓ Laser cutting and bending
- ✓ Robotic welding
- ✓ Heat treatment
- ✓ Electroplated coating
- ✓ Vacuum impregnation

Quality provided
by control system
at every stage of
the technological
process



Processed materials:

- ✓ ferrous metals and alloys
- ✓ non-ferrous metal alloys
- ✓ titanium and nickel alloys
- ✓ engineering plastics



Plastic casting

Range of works:

- ✓ Designing based on customer sketches
- ✓ Production of molds
- ✓ Mass production

Manufactured products:

- ✓ Food packaging
- ✓ Non-food container
- ✓ Medical supplies
- ✓ Housings and parts for mechanical engineering

The efficiency
of molds
is maintained
throughout the entire
production
period

Used polymers:

- ✓ polystyrene
- ✓ polypropylene
- ✓ polycarbonate
- ✓ polyamide



Production capacity:

- ✓ Gildemeister TWIN65
- ✓ Gildemeister GMX300 5 axis
- ✓ Gildemeister GMX200 5 axis
- ✓ DMU 125 5 axis
- ✓ DMU 70 evolution 5 axis
- ✓ DMU 50 evolution 5 axis
- ✓ Hermle C800U 5 axis
- ✓ Mikron UCP600 5 axis
- ✓ DMC 60H
- ✓ Michael Deckel S22
- ✓ Walter Helitronic
- ✓ Agie Integral2
- ✓ Sodick A525
- ✓ Netstal Sinergy 2400
- ✓ Netstal 2000
- ✓ Ultraseal

