EAZ LTD.

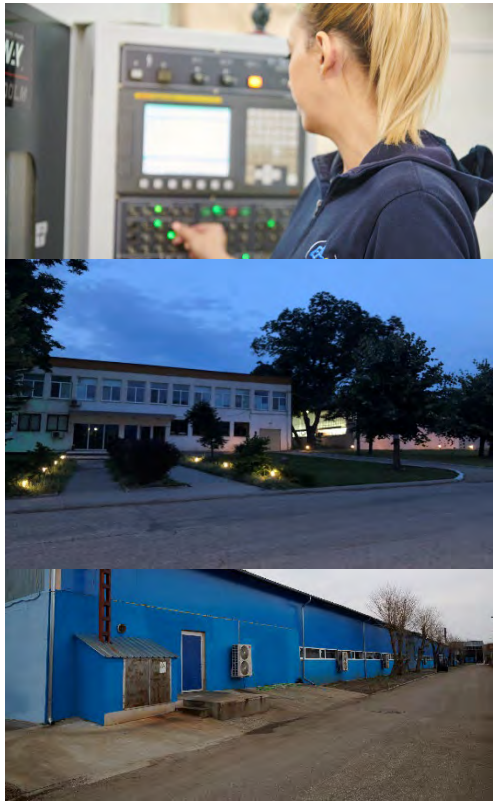
overview 2025

precision turning parts

air starteners

assembly

We are EAZ …



Established in 1967 and nestled in historical town Perushtitsa, Bulgaria, we at EAZ Ltd have held fast to our philosophy of focus to deliver quality details to the needs of our clients. Our main priority is building the long-term relation with customers. Our factory is based on 27 000 sq.m.

As a family-owned, private company, this theme carries across to our equipment selections, processing decisions, personnel choices, and customer base.

With over 50 years in the turning parts productions field we are long experience to machining details from:

- **Automatic steel (carbon steel)**
- **Alloy steels**
- **Stainless steels**
- **Brass**
- **Bronze and Aluminum**

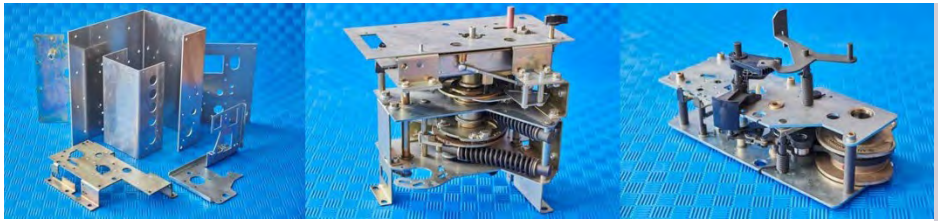
We are doing…

Precision turned parts

EAZ develops and manufactures precision turned parts according to customer drawings. A broad spectrum of diameters is possible here, also including highly complex geometries. From low-volume production and medium-volume production all the way to high-volume production, every long or short turned part manufactured by EAZ reflects our joint mission – to deliver high precision.

Accuracy becomes economically efficient

On the one hand we stand for especially precise production, with dimensional accuracy that continues to be impressive even after production volumes in the millions. On the other hand we successfully realize even the most difficult turning operations in a cost-efficient manner.



We offer…

YOUR BENEFITS

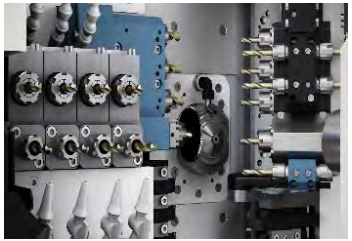
Automatic Lathes and CNC turning technology from a single source
Rapid realization, from prototyping to series production
High flexibility due to two sites
Maximum economic efficiency through cost-optimized production
Mastery of highly complex turning operations
Modern, powerful machine park
Far-reaching quality assurance

RANGE OF SERVICES

Design consulting
Prototypes and low-volume production – focus on medium and high-volume production
On multi-spindle SWISS machines: Ø 0.1 to Ø 52 mm
On CNC machines: Ø 4 mm to Ø 32 mm
Subassembly production.
Surface treatment

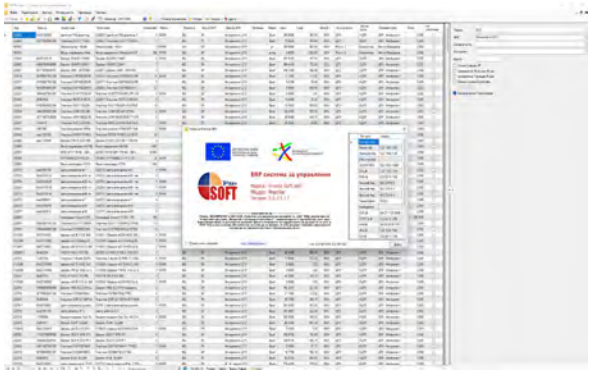
Production Capacity – 45 machines

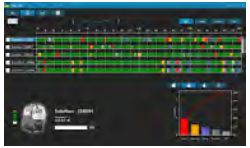
1x *Ø4-42* GOODWAY SW-42MSX, 2x Y axes SWISS CNC
3x *Ø4-32* GOODWAY SW-32MSX, 2x Y axes SWISS CNC
7x *Ø4-20* GOODWAY SW-20MSX, 2x Y axes SWISS CNC
1x *Ø4-52* CC Machin. CY2-52MB, 2x Y axes, colon type Axes-B, SWISS CNC
1x *Ø4-42* JinFa SW42, 2x Y axes, SWISS CNC
2x *Ø4-32* JinFa SW32, 2x Y axes, SWISS CNC
3x *Ø4-32* JinFa YK-328, 4 side rotating instrument
1x *Ø4-32* JinFa SW20 2x Y axes, SWISS CNC
1x *Ø0.2-10* Tornos Swiss Nano10 + 2x High Frequency Spindel 60K rpm, SWISS CNC
1x *Ø4-26* Tornos GT26B Axis-B II simultaneous 5-axes controlled + 1x High Frequency Spindel 60K rpm, SWISS CNC
1x High-speed Vertical Machining Center AV-1000: X-Y-Z Axes Travels/ Linear Ways - 1,020-550-635 mm/ 35-45-45 mm Heavy-Duty-Roller
2x Wickman Multi-spindle Machines – 6 spindle
21x Lathe Machines: 2x Tornos, 1x Traub Strom, 18 x STANKOV USSR 1M10ДА



Production support

- **BrikStar iSwarf 50** Briquetting press for metal chips and oil recycling
- **RACKS | CONSOLE** SYSTEM FOR LONG LOADS
- **Bio-Circle** - Solutions for surface technology -Industrial cleaning & parts cleaning
- **The MEKA220 MPI** is a vacuum cleaner special maintenance for lathes, milling machines, and CNC machines
- **Electro-mechanical lifting and tilting device**
- **ERP System Premier**
- EV Investment in 650 photovoltaic panels for overall of 200Kw
- FANUC MT-Linki – CNC Management and control system
- Tornos TISIS SYSTEM – CNC remote control and monitoring





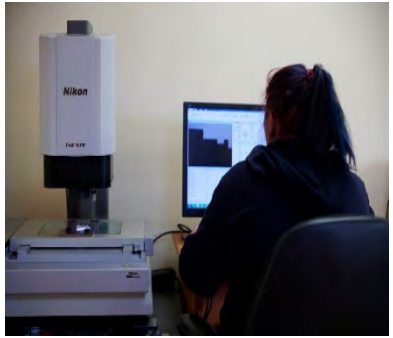
Quality Lab

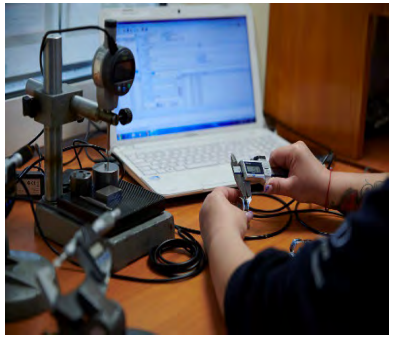
EAZ Ltd. make all neded quality control of the production before delivery as:

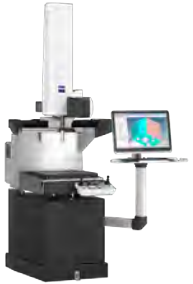
- Inspection trough production
- Covering the client needs of packing

Our laboratory is equipped with all needed and modern measuring tools as follow:

- ***Simens NX CAD/CAM***
- ***Carl Zeiss Coordinate Measuring Machine (GPS coordinates), ZEISS DuraMax***
- ***NIKON Nexiv VMZ-R3020 - 300 x 200 mm stroke suitable for measurement of small components Industrial microscopes with high precision***
- Mitutoyo and Sinpo profile projectors
- Surface roughness tester with table and instruments
- Digital and analog dial indicators
- High precise linear measuring devices
- SPC Centre – el. Measuring and collection system







Assembly of the starting and protective equipment

EAZ is engaged in the design, manufacture and installation of starting and protection equipment, low-voltage electrical panels.

ISO Certifications

The company is certificated according:

- **ISO9001:2015**
- **ISO14001:2015**
- **ISO50001:2011**
- **ISO45001:2018**

TÜV NORD

CERTIFICATE

Management system as per
ISO 9001 : 2015

EAZ OOD
42, Third March Str.
4225 Peruatica
Bulgaria

Production and realization of electrotechnical, metal parts and fasteners

TÜV NORD

CERTIFICATE

Management system as per
ISO 14001 : 2015

EAZ OOD
42, Third March Str.
4225 Peruatica
Bulgaria

Production and realization of electrotechnical, metal parts and fasteners

TÜV NORD

CERTIFICATE

Management system as per
ISO 45001 : 2018

EAZ OOD
42, Third March Str.
4225 Peruatica
Bulgaria

Production and realization of electrotechnical, metal parts and fasteners

TÜV NORD

CERTIFICATE

Energy Management System as per
ISO 50001 : 2011

EAZ OOD
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Bulgaria

Production and realization of electrotechnical, metal parts and fasteners.

Partners

LIEBHERR

LMP
Azapus LGARIA

ABB

bulltek

Sensata Technologies
1916 • 100 YEARS • 2016

FESTO

WATTS®

BM3®

Hitachi Energy

TRELLEBORG

araxim ENGINEERING

Schneider Electric

FILKAB

LA MANUFACTURE DES LUMIÈRES

EAZ LTD.

Business Model

Be **S**mart, be **E**fficient, **L**earn, be **F**ocused – be **SELF**

- Our purpose is to gain specific competitive advantage, focusing in production of small metal parts.
- Delivering additional adding value in engineering consulting with partners regarding best cost efficient model of design and production.
- 90% of production is B2B model. EAZ develops and manufactures precision turned parts according to customer drawings.
- Strong compatibility in long series production.
- A broad spectrum of diameters, also including highly complex geometries. From medium-volume production all the way to high-volume production, every long or short turned part manufactured by EAZ reflects our joint mission – to deliver high precision.

Thank you for your attention.