



HIGH-END EQUIPMENT AND TOOL MAKING



About us

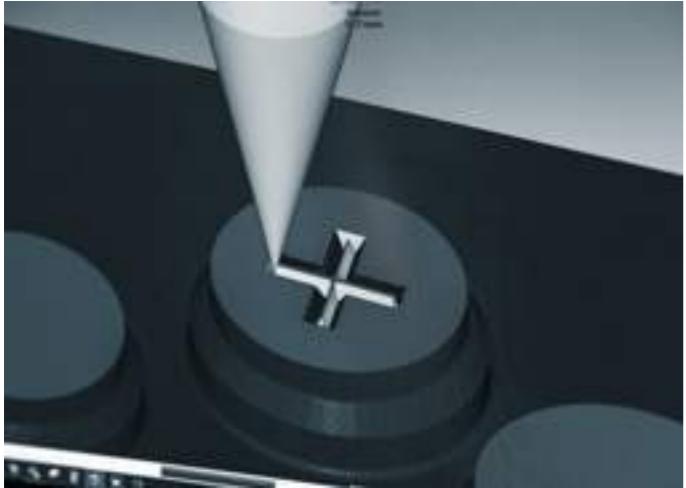
Savaria Ipartechnika was established in 2008 as a small family business specializing mainly in the design and manufacturing of custom machinery and equipment. Thanks to continuous progress and conscious development, our range of activities, as well as the number of branch offices and employees has been steadily expanding. In addition to technical design, we have added CNC turning, CNC milling, grinding, as well as wire and sinker electrical discharge machining to our list of activities. Since we regularly expand and upgrade our machinery fleet, the average age of our equipment is less than four years. We now strive to meet our customers' needs entirely without the involvement of external partners, and we have the expertise, the tools and the machinery to do so.

In January 2020, we expanded our 1000 m² production area with a new 1800 m² hall, followed in 2022 by another 1200 m² hall, built specifically for EDM machines. These extensions have been in use ever since.

Our specialties include the production of custom parts and prototypes with complex geometries, and that of work pieces with ultra-low tolerances down to single micron values, using a variety of CNC machining and EDM technologies, while meeting tight deadlines.

High-end equipment and tool making

Our main activity is the design and implementation of parts, individual machines and production lines.



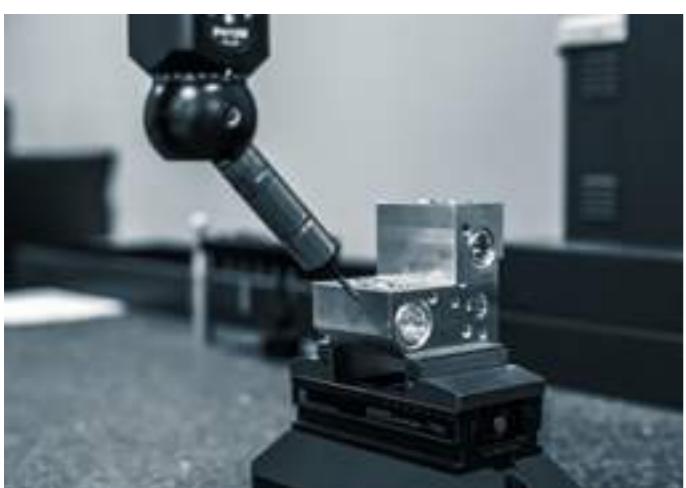
DESIGN

Design is carried out with the most advanced computer-aided design software available on the market (Creo6, AutoCad 2021, Topsolid 7.13). We pay special attention to communicating with our customers during the design process. In addition, we ensure the complete preparation of mechanical design documentation.



PRODUCTION

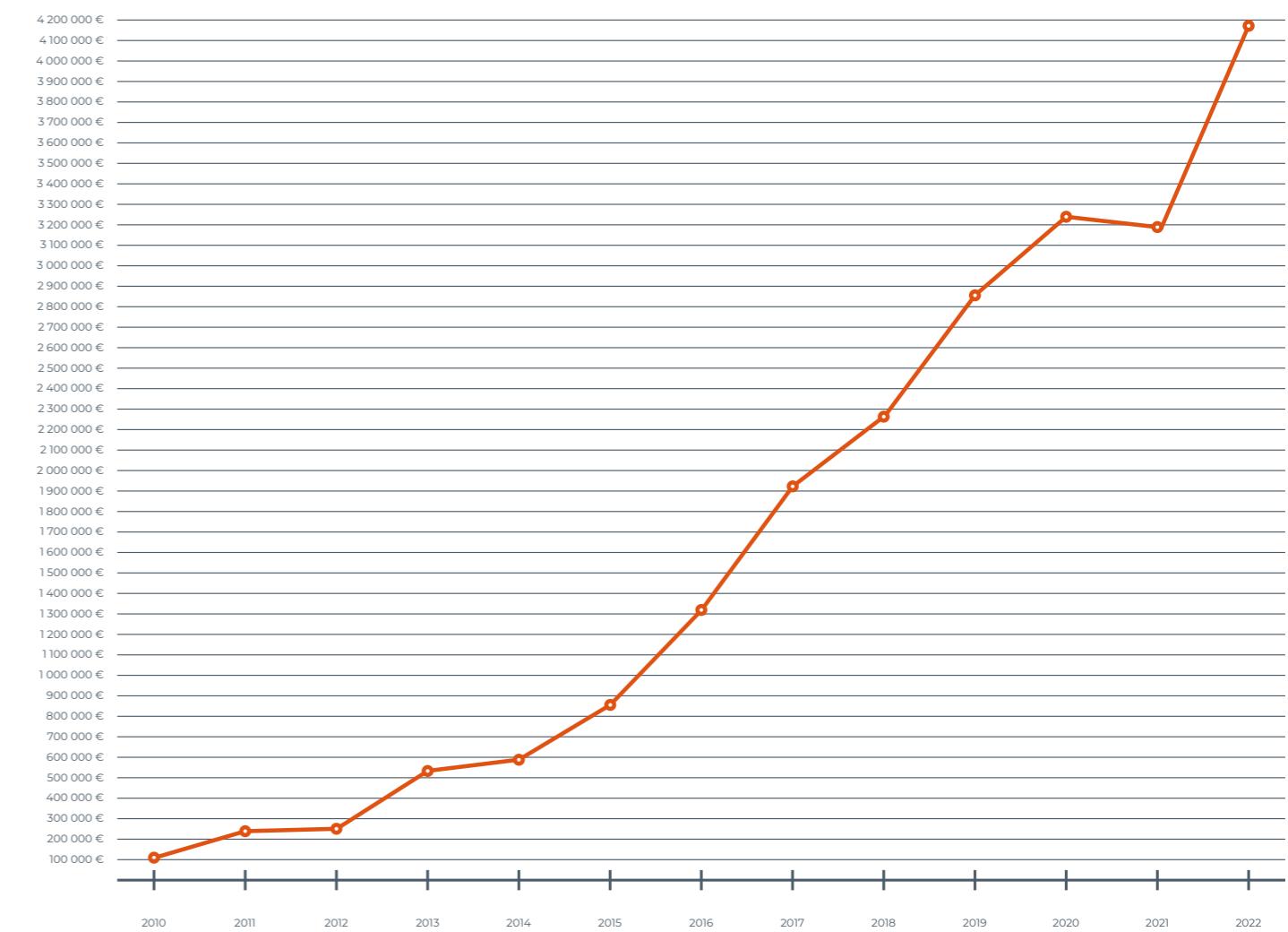
Our main activity is the design and implementation of parts, individual machines and production lines. The first step in the manufacturing of parts is programming, which is done offline with TopSolid7, avoiding incorrect data input and significantly reducing machine downtime. In the next step, manufacturing is carried out on our CNC milling, grinding, wire and sinker electrical discharge machines, according to modern European technical standards.



QUALITY

We manufacture our parts using cutting-edge, world-class technology. The average age of our machines is less than four years. Upon request, we can produce measurement reports for the manufactured parts on our measuring machines.

The company's turnover by year



Our company's turnover going back more than one decade.

Our international customers



Austria

OPEL WIEN GMBH
HELLA Fahrzeugteile Austria GmbH

China

BPW MEIZHOU AXLE CO., LTD.

France

HANON SYSTEMS CHARLEVILLE S.A.S.

Germany

EMIL LÖFFELHARDT GMBH & CO. KG
HANON SYSTEMS DEUTSCHLAND GMBH

Italy

SILAM SRL

Korea

YOUNG IL ENGINEERING CO. LTD.

Portugal

BOSCH CAR MULTIMÉDIA PORTUGAL, S.A.
HANON SYSTEMS PORTUGAL

Turkey

HANON OTOMOTIV İKLİMLENDİRME
SİSTEMLERİ

Bicske

MAGYARMET FINOMÖNTÖDE KFT.

Bokod

EMI AUTOMATIZÁLÁSI KFT.

Budapest

BDI HUNGARY KFT.
EUMETROLOGY KFT.
GIS EUROPE SE
MEDIAGNOST KFT.
ROBERT BOSCH KFT.

Eger

SANATMETAL KFT.

Győr

EEPOS HUNGÁRIA KFT.

Halászi

HAFNER PNEUMATIKA KFT.

Miskolc

ROBERT BOSCH ENERGY AND
BODY SYSTEMS

Nagybajcs

CONGEN MŰSZAKI FEJLESZTŐ KFT.

Nagylózs

BFSI KFT.

Pécs

KÖRBER HUNGÁRIA GÉPGYÁRTÓ KFT.
HANON SYSTEMS HUNGARY KFT.

Sárvár

RÁBA JÁRMŰALKATRÉSZ GYÁRTÓ

Sóskút

YAMAZAKI MAZAK CENTRAL EUROPE
S.R.O.

Szentgotthárd

AMES HUNGARIA KFT.
OPEL SZENTGOTTHÁRD AUTÓIPARI KFT.

Székesfehérvár

DENSO GYÁRTÓ MAGYARORSZÁG KFT.
EVOLT KFT.
HANON SYSTEMS HUNGARY KFT.
VT ASYST KFT.

Szigetszentmiklós

ATLAS COPCO HUNGARY KFT.

Szolnok

STADLER SZOLNOK

Szombathely

AC-TECHNIKS KFT.
AKE HUNGÁRIA KFT.
ALFA-MONT 97 GÉPGYÁRTÓ
BPW HUNGÁRIA KFT.
CLAUDIA ZRT.
KNK FÉMIPARI KFT.
SAVARIA-DENT KFT.
SCHAEFFLER SAVARIA KFT.
TDK HUNGARY COMPONENTS KFT.

Tatabánya

KOM-TECHNIK KFT.

Tokod

FEINTOOL SYSTEM PARTS TOKOD KFT.

Our domestic customers



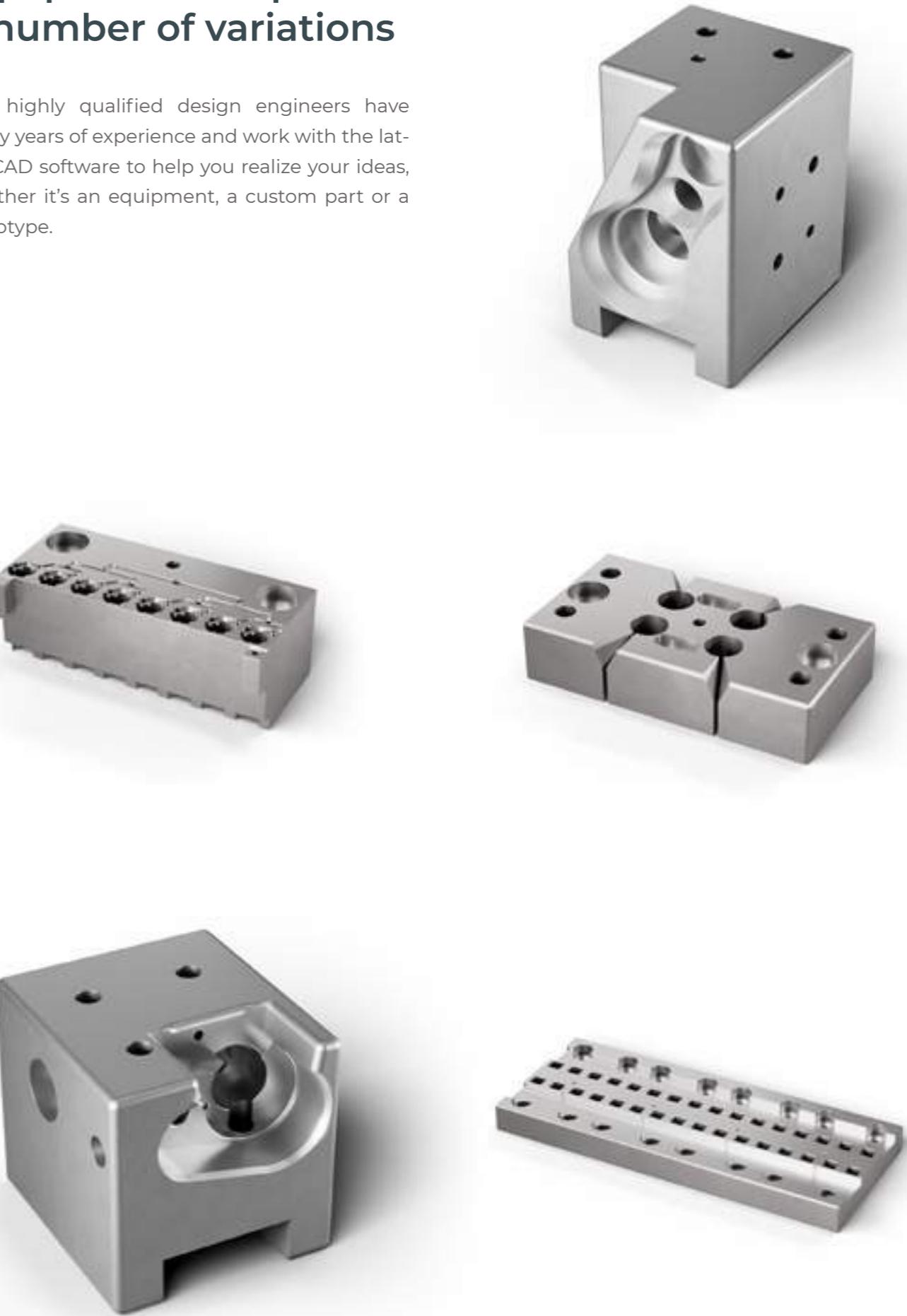
Design

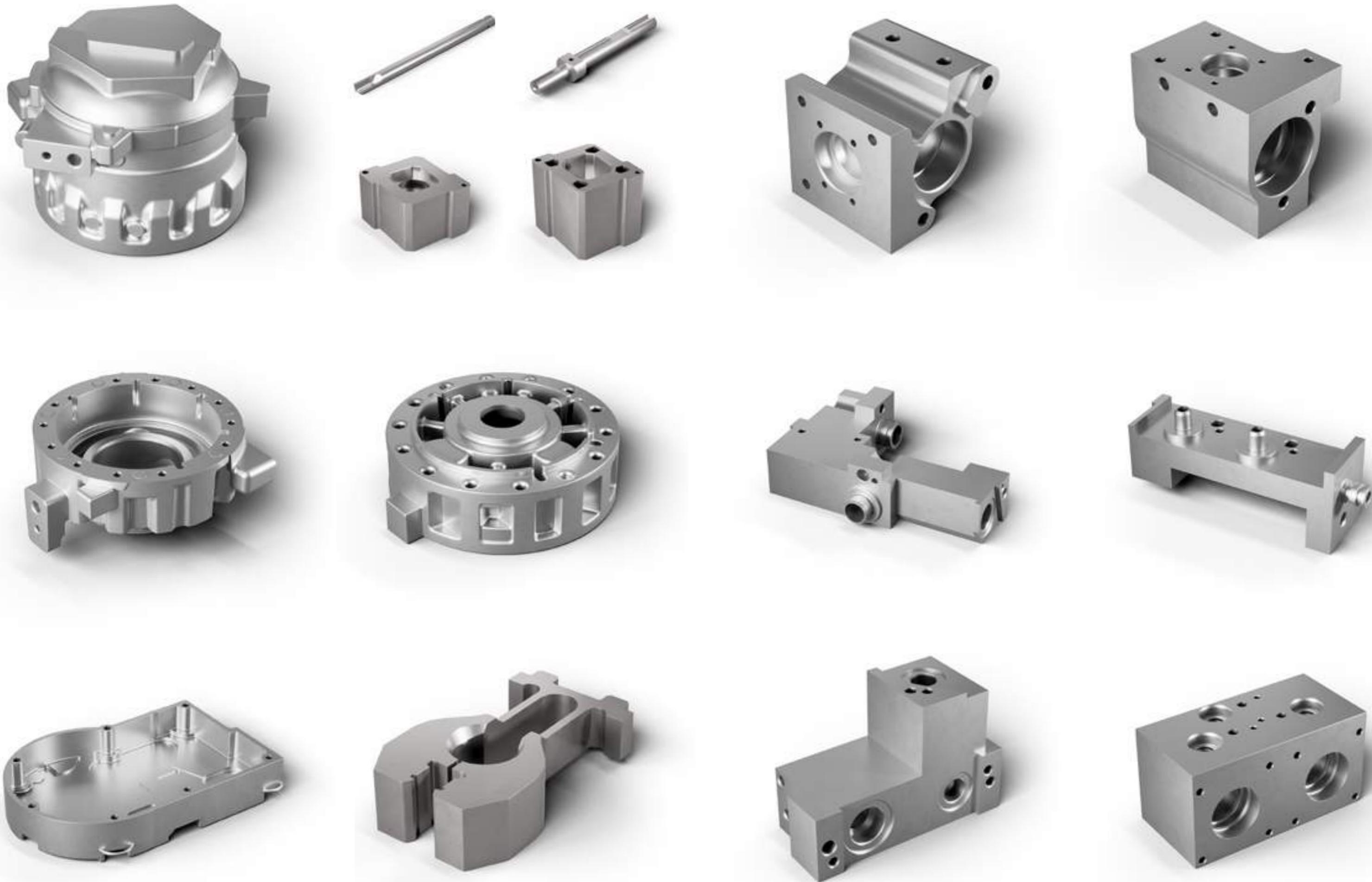
Complete design, modelling and documentation of tools, devices, custom parts and prototypes.



Equipment and parts in a number of variations

Our highly qualified design engineers have many years of experience and work with the latest CAD software to help you realize your ideas, whether it's an equipment, a custom part or a prototype.







Production

Custom part and prototype manufacturing using advanced technologies, such as CNC milling and turning, electrical discharge machining or 3D printing.



CNC Milling

State-of-the-art technology

- ▶ simultaneous 5-axis milling
- ▶ zero point capture

Modern machinery fleet

- ▶ Brother Speedio R650-X1
- ▶ DMG MORI CMX 800 V
- ▶ DMG MORI DMC 650 V
- ▶ DMG MORI DMU 50 3rd Gen. (4 units)
- ▶ DMG MORI DMU 75 monoBLOCK
- ▶ DMG MORI DMU 95 monoBLOCK
- ▶ DMG MORI NHX 5000
- ▶ DMG MORI NHX 5500
- ▶ DMG MORI M1
- ▶ GF Mikron Mill S5000
- ▶ HURCO VMX 30i
- ▶ HURCO VMX 42i
- ▶ MAKINO DA300 (2 units)
- ▶ MAZAK VCS 530C
- ▶ OKUMA GENOS M560-V



CNC Turning

Modern machinery fleet

- DMG MORI NLX 2500 MY
- MAZAK QTN 100M
- MAZAK QTN 200MSY
- MAZAK QTS 100S
- OKUMA GENOS L2000-M



Wire EDM

Premium Sodick wire EDM machines:

- SODICK SLC400G
- SODICK SLC600G
- SODICK ALC400G (2 units)
- SODICK ALC600G
- SODICK ALC400P (2 units)



Sinker EDM

Ultra-precise GF machines

Use of graphite, tungsten and copper electrodes.

Advanced controls

Easy-to-use, innovative system with endless possibilities.

Smooth operation

Thanks to the GF sinker electrical discharge machining

Advanced machinery:

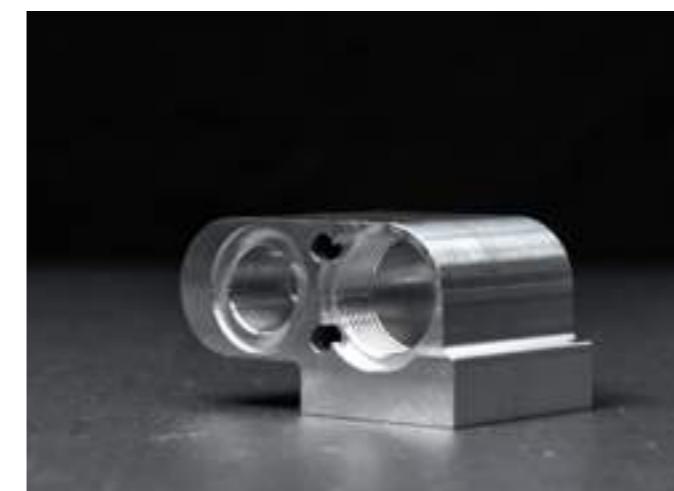
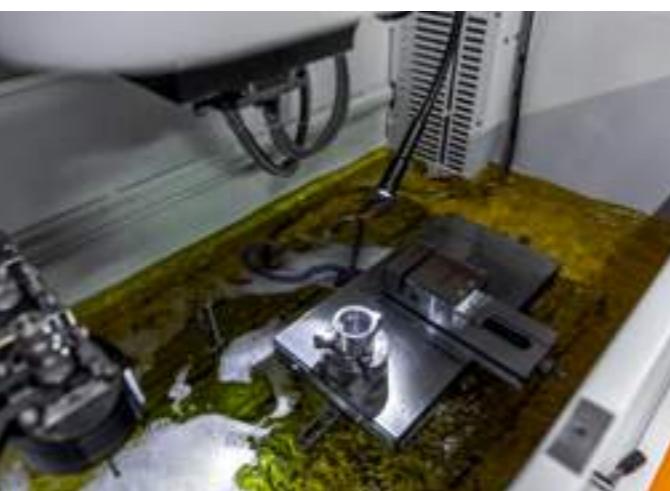
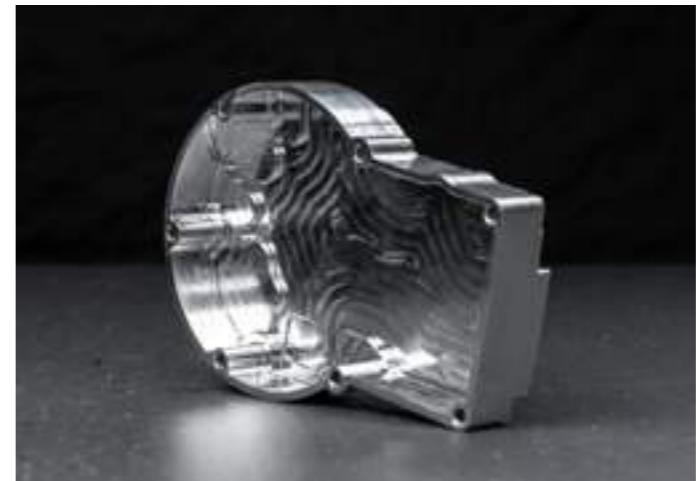
- ▶ SODICK AL40G
- ▶ GF FORM E600
- ▶ GF FORM E350



Prototype manufacturing

Since we use state-of-the-art technologies to manufacture our parts, we can easily meet the strict tolerances required by our customers.

Machining of aluminum, copper, bronze, plastics, structural and tool steels, stainless steels, HSS and hard metal materials characterized by HRC hardness values of up to 70-80.



Machinery fleet

With our modern machine tool fleet, we are able to cover a wide range of technologies.

5-axis

CNC machining centers:

- 01. DMG MORI DMU 50
3rd Gen.
- 02. DMG MORI DMU 50
3rd Gen.
- 03. DMG MORI DMU 50
3rd Gen.
- 04. DMG MORI DMU 50
3rd Gen.
- 05. DMG MORI DMU 75 monoBLOCK
- 06. DMG MORI DMU 95 monoBLOCK
- 07. MAKINO DA300
- 08. MAKINO DA300

3-axis

CNC machining centers:

- 12. DMG MORI CMX 800 V
- 13. DMG MORI DMC 650 V
- 14. DMG MORI M1
- 15. GF Mikron Mill S5000
- 16. HURCO VMX 30i
- 17. HURCO VMX 42i
- 18. MAZAK VCS 530C
- 19. OKUMA GENOS M560-V

Sinker EDM machines:

- 32. GF Form 20
- 33. GF Form E600
- 34. SODICK AL40G

Grinding machines:

- 35. OKAMOTO ACC-106CA-IQ
- 36. OKAMOTO ACC-52GX
- 37. PSGS 4080 PROTH

4-axis

CNC machining centers:

- 09. Brother Speedio R650-X1
- 10. DMG MORI NHX5000
- 11. DMG MORI NHX5500
- 24. OKUMA GENOS L2000-
- 25. SODICK AL600P
- 26. SODICK ALC 400G
- 27. SODICK ALC 400G
- 28. SODICK ALC 400P
- 29. SODICK ALC 400P
- 30. SODICK SLC 400G
- 31. SODICK SLC 600G



Quality

High quality assurance based on our ISO certification and state-of-the-art measuring laboratory.



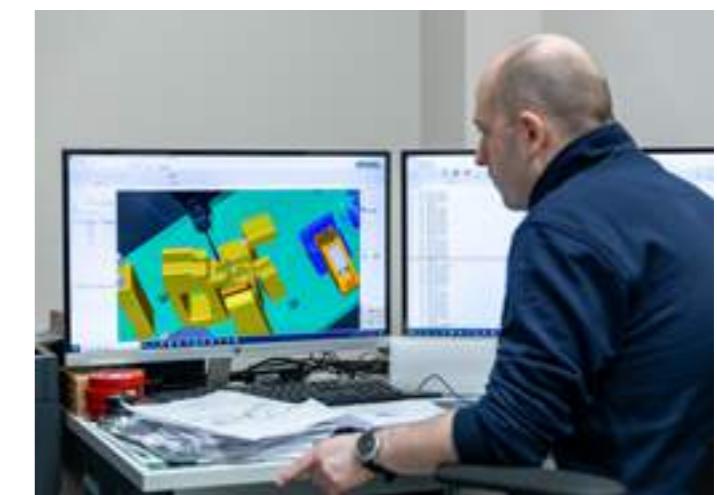
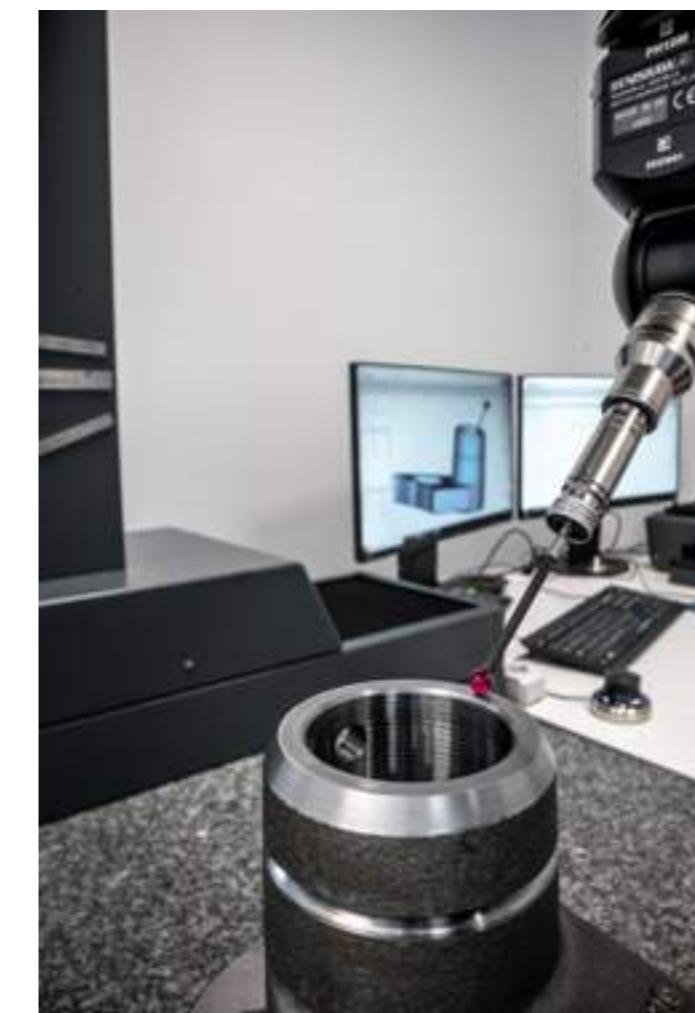
Coordinate metrology

Our state-of-the-art measuring laboratory and advanced equipment includes everything from precision CMMs to small measuring instruments that you will need to manufacture high-quality parts.

WENZEL LH 87

WENZEL LH 67

- ▶ Long-term mechanical precision
- ▶ Extreme flexibility
- ▶ Temperature compensation, even based on the temperature of the individual parts
- ▶ State-of-the-art Renishaw machine tool probes



Hardness measurement

MITUTOYO HR-200

- Manual weight selection
- Motor drive
- Automatic pre-adjustment dial gauge



Optical comparator

Thanks to our imaging measurement system, work pieces can be measured quickly and easily.

KEYENCE IM-6225

- 99 sizes on up to 100 parts
- Place & press control
- Automatic data capture and report generation





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I P A R T E C H N I K A

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