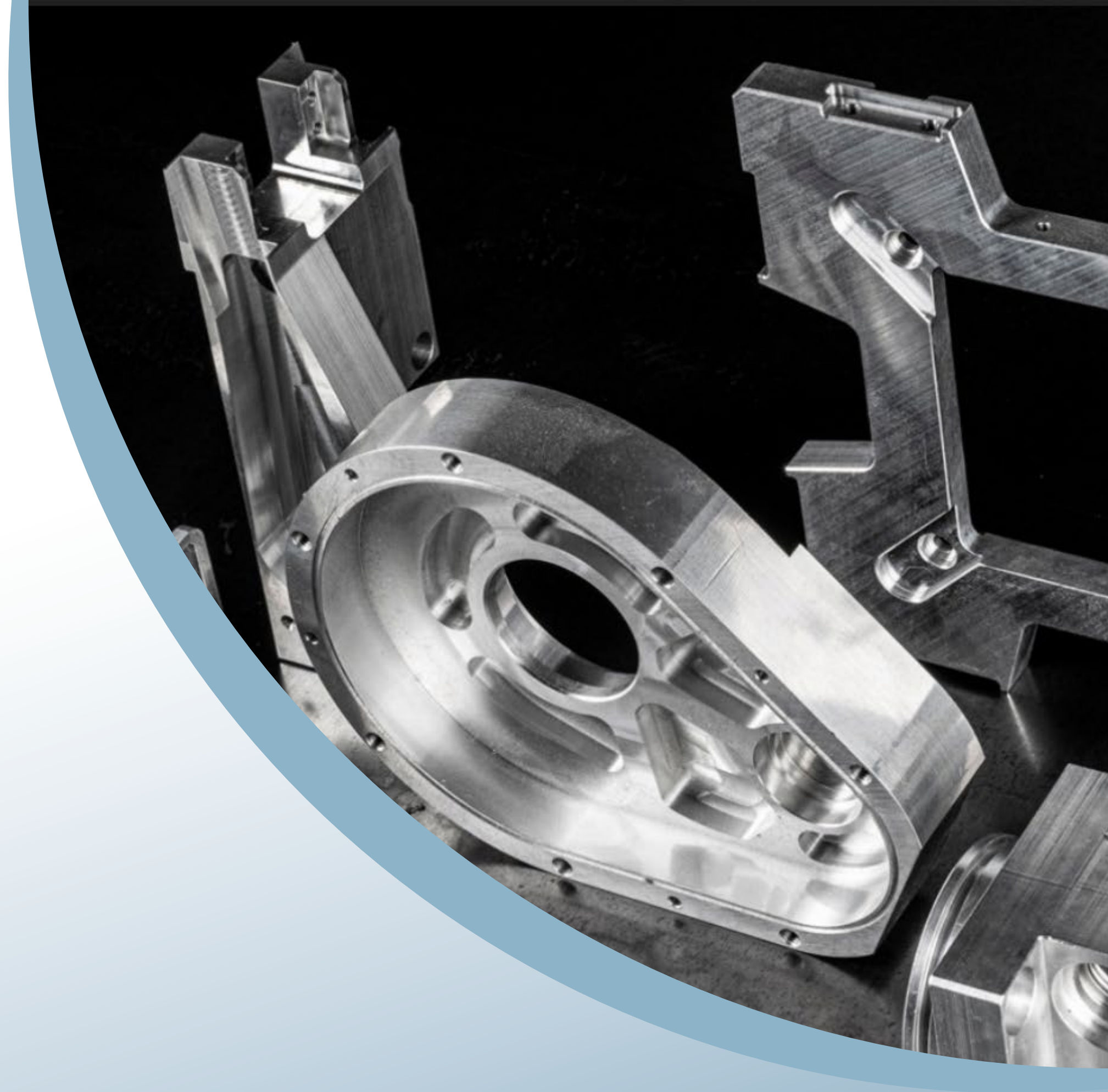




OUR NUMBERS



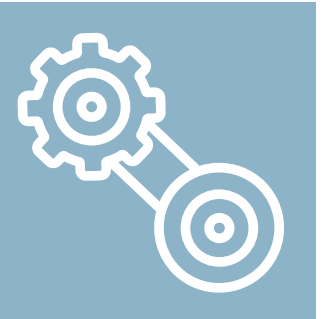
+40 YEARS
OF ACTIVITY



508.000 PIECES/YEAR



30 PEOPLE



14
PRODUCTION
LINES



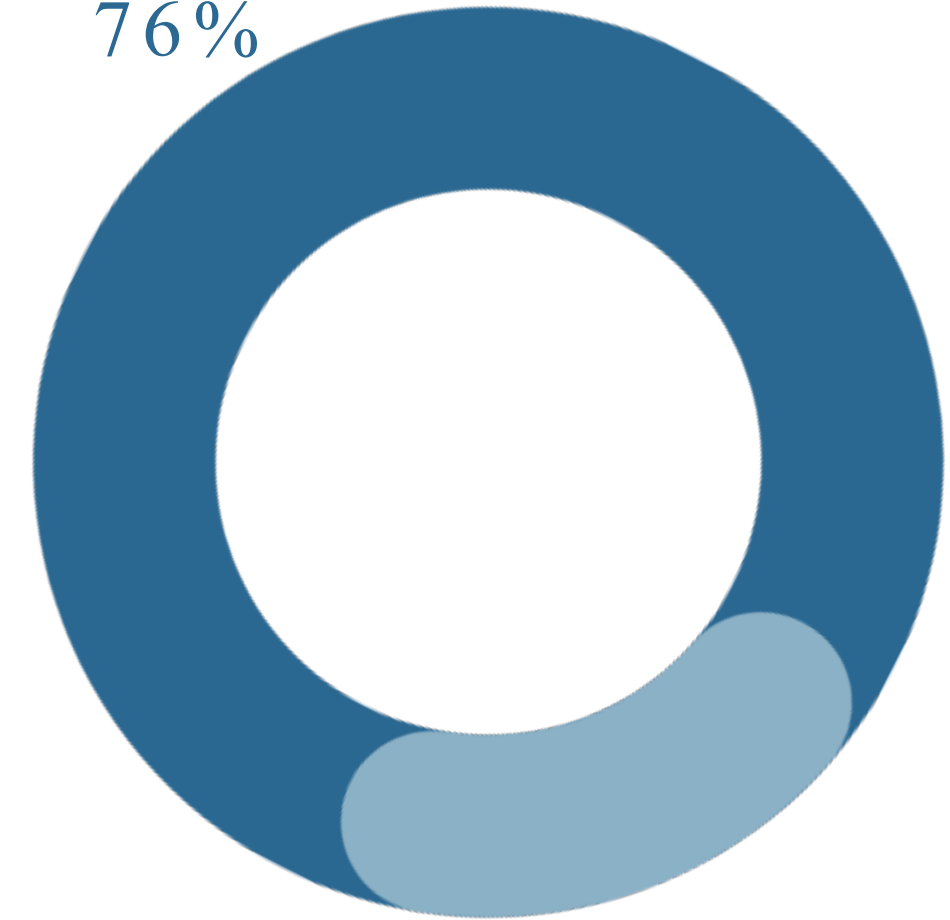
24 H/250
DAYS/YEAR
PRODUCTION
CAPACITY



340
MEASURING
INSTRUMENTS

TOTAL TURNOVER

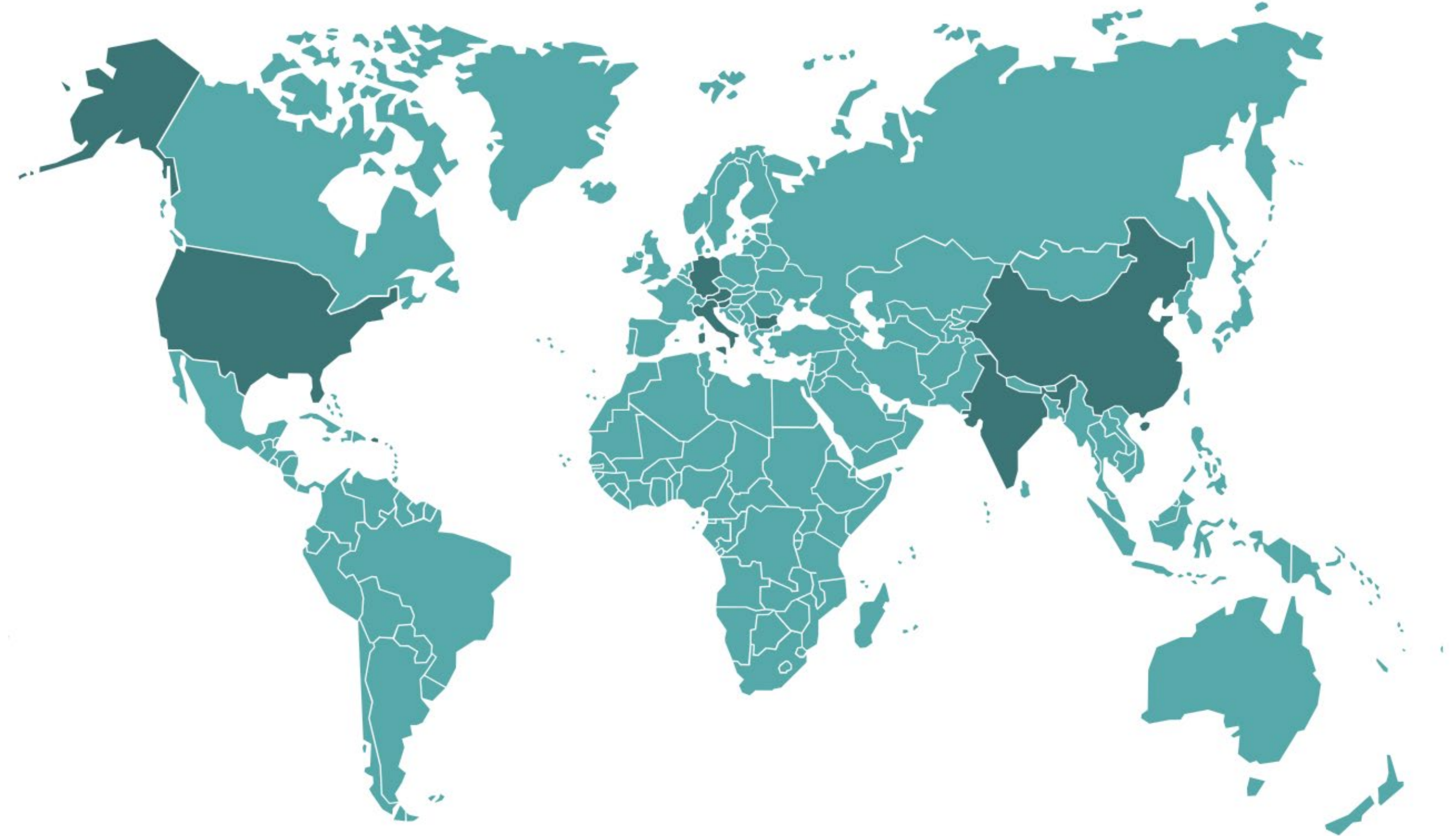
Main 8 customers
76%



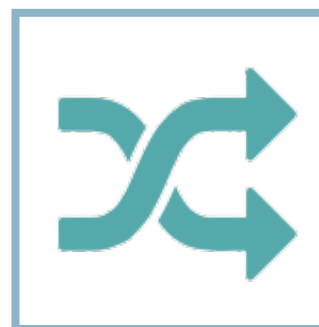
Other customers
24%

INTERNATIONAL MARKETS

- USA
- ITALY
- GERMANY
- AUSTRIA
- SLOVENIA
- HOLLAND
- LUXEMBOURG
- BULGARIA
- INDIA
- CHINA



PLUS



Production
flexibility



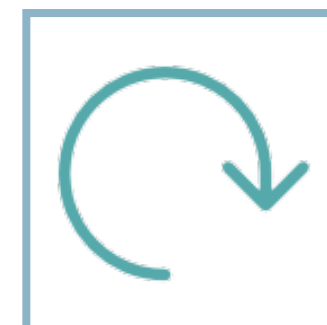
Training and
expertise



Continuous
innovation



International
certifications



Technological
updates



Decades of
experience



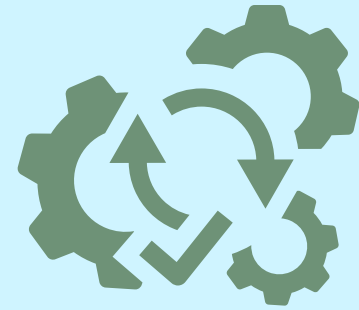


”

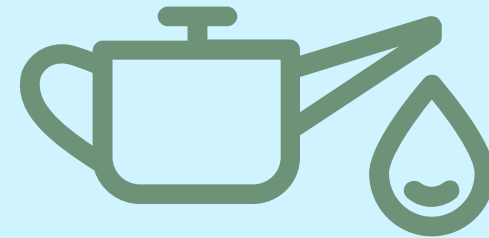
Sustainability is now fundamental for present and future companies. Uster has embarked on a **responsible journey**, made up of small steps, through concrete actions with an approach inspired by **lean thinking**, which makes processes more efficient while also opening new opportunities for a more sustainable future.

“

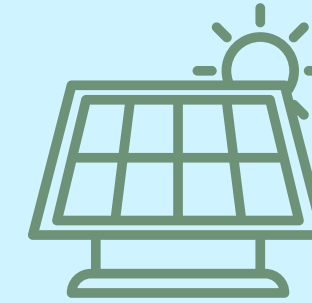
SUSTAINABILITY



Automatic
refill



Systems to
optimize the use
of lubricating-
cooling oil



Photovoltaic
system



Fabric cloths as a
replacement for
absorbent paper



Reusable
packaging



In 2014 Uster revolutionized the industry with the launch of the ROIS brand, introducing a range of patented valves designed to dispense low and medium viscosity substances with extreme accuracy. With over 40 years of experience in valve manufacturing, Uster has condensed its know-how by developing **electronic valves** that offer cutting-edge IoT functionality, complementing the ROIS offering alongside **pneumatic valves**.





WHAT DO WE DO?



AREAS OF INTERVENTION

01

PRODUCTION

02

DIMENSIONAL
CONTROLS

03

ASSEMBLY AND
TESTING

01

PRODUCTION

INDUSTRIAL SECTORS

- 01 FOOD & BEVERAGE
- 02 AERONAUTICS & SPACE
- 03 SPORTS
- 04 DIGITAL GRAPHICS
- 05 ROBOTICS & AUTOMATION
- 06 PACKAGING
- 07 TEXTILE
- 08 ENERGY & RENEWABLE SOURCES
- 09 PHARMACEUTICAL
- 10 PLASTIC INJECTION



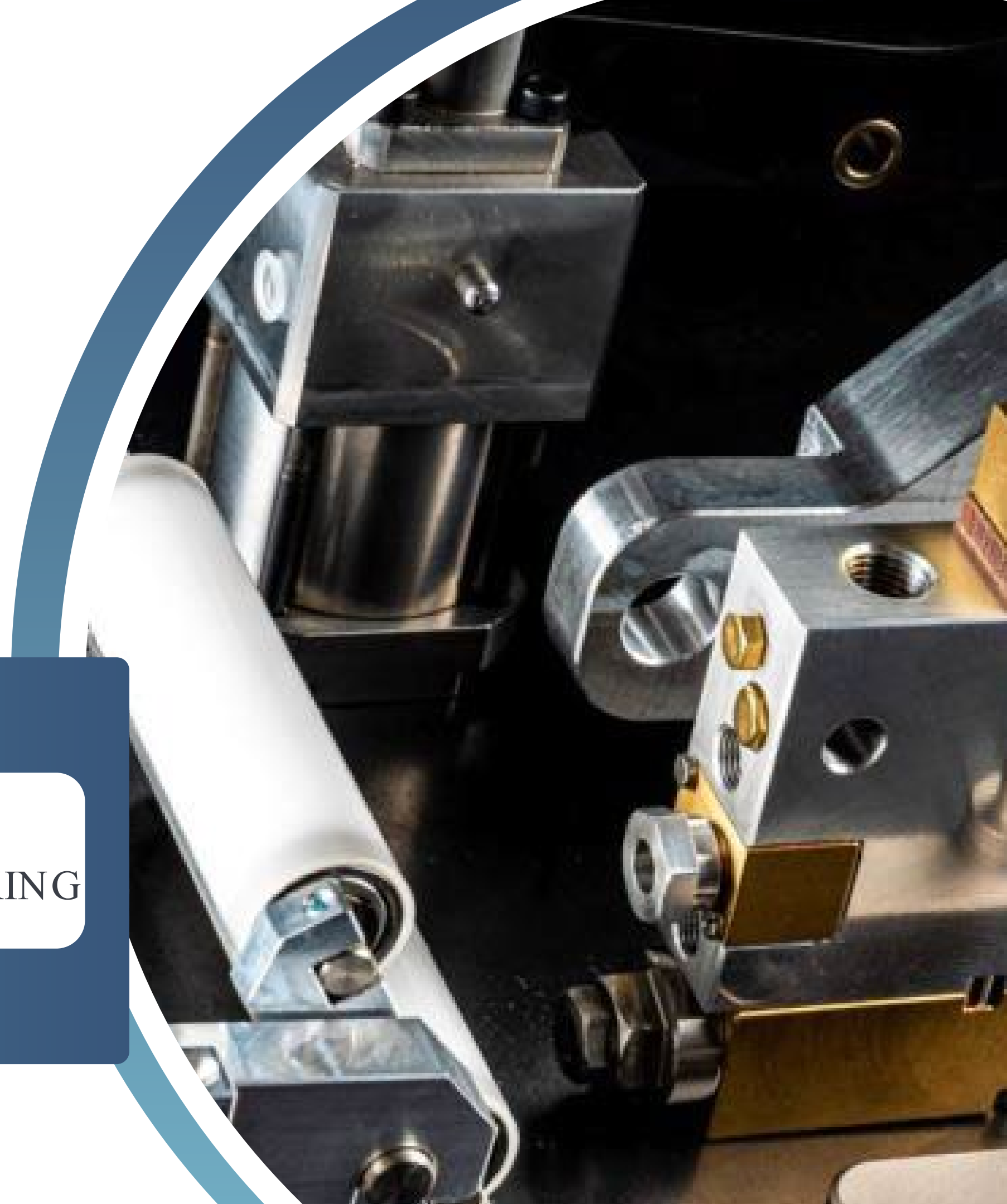
PROCESSING

Precision **milling** and **turning** operations, specializing in aluminum alloys, stainless steels and titanium, ensuring high quality and repeatability.

MILLING

TURNING

5-AXIS
MULTI-TASKING













MACHINE FLEET

MILLING DEPARTMENT

- 1 FMS MAZAK Palletech line with 26 stations and 4 MAZAK HCN5000-II horizontal machining centers
- 1 FMS MAZAK Palletech line with 16 stations and 2 MAZAK HCN5000-II horizontal machining centers
- 1 FMS MAZAK Palletech line with 30 stations and 2 Mazak Variaxis 630-5X 5-axis machining centers

TURNING DEPARTMENT

- MAZAK SQT250
- MAZAK QT15

5-AXIS MULTI-TASKING

- MAZAK Integrex i-200SGL-V
- MAZAK Integrex i-200S-IV
- MAZAK Integrex i-200-V
- MAZAK Integrex i-200-V

TOOLING

- Milling machine INDUMA ISO 50
- Milling machine NOVAR ISO 40
- Lathe URSUS

WASHING

- Ultrasound system DBM

CUTTING

- AMADA
- IMET
- FENDO

MARKING

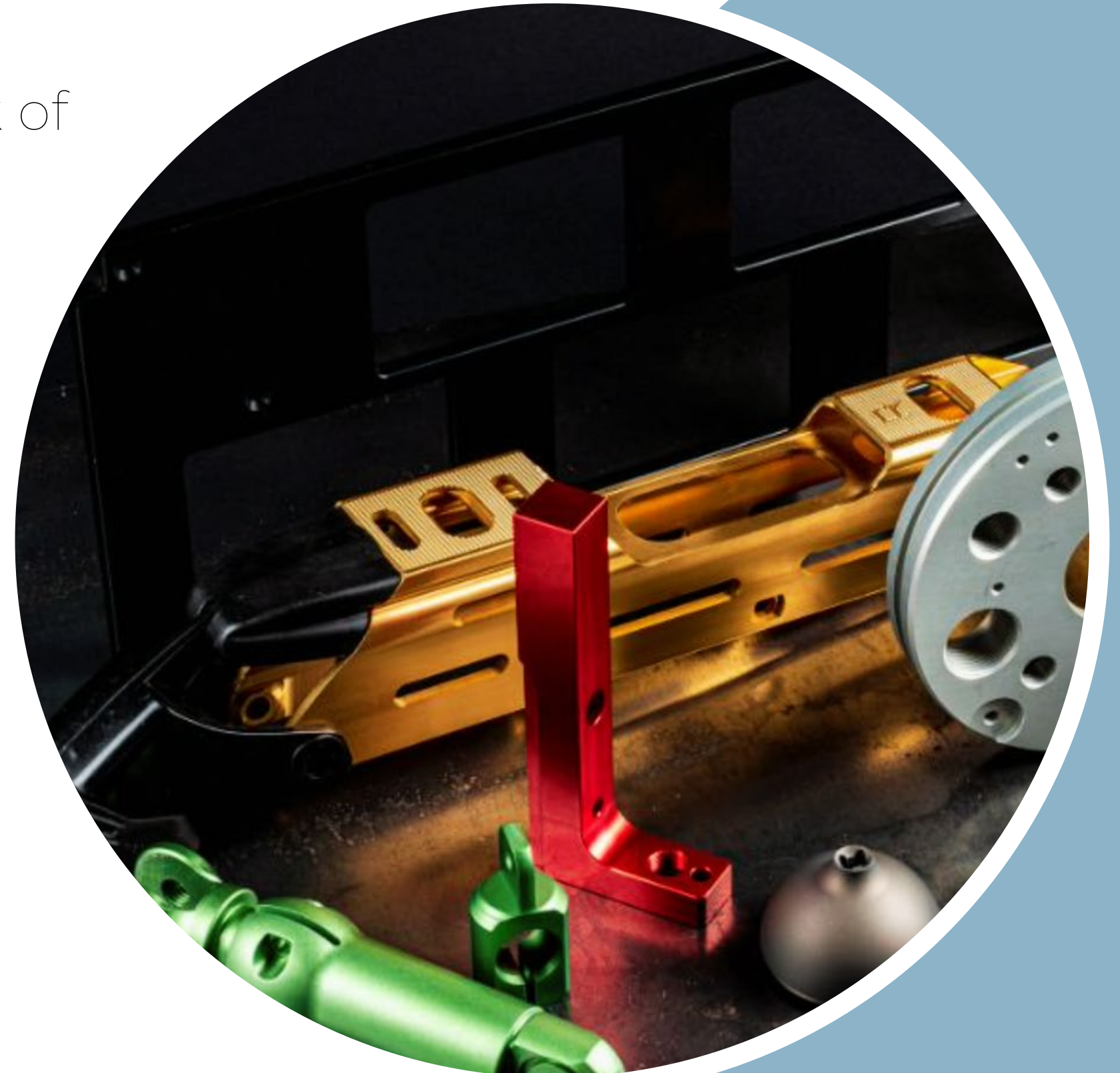
- Laser marker KEYENCE
- Microdot marking machine RMU

CMM Zeiss "Contura"

TREATMENTS AND FINISHES

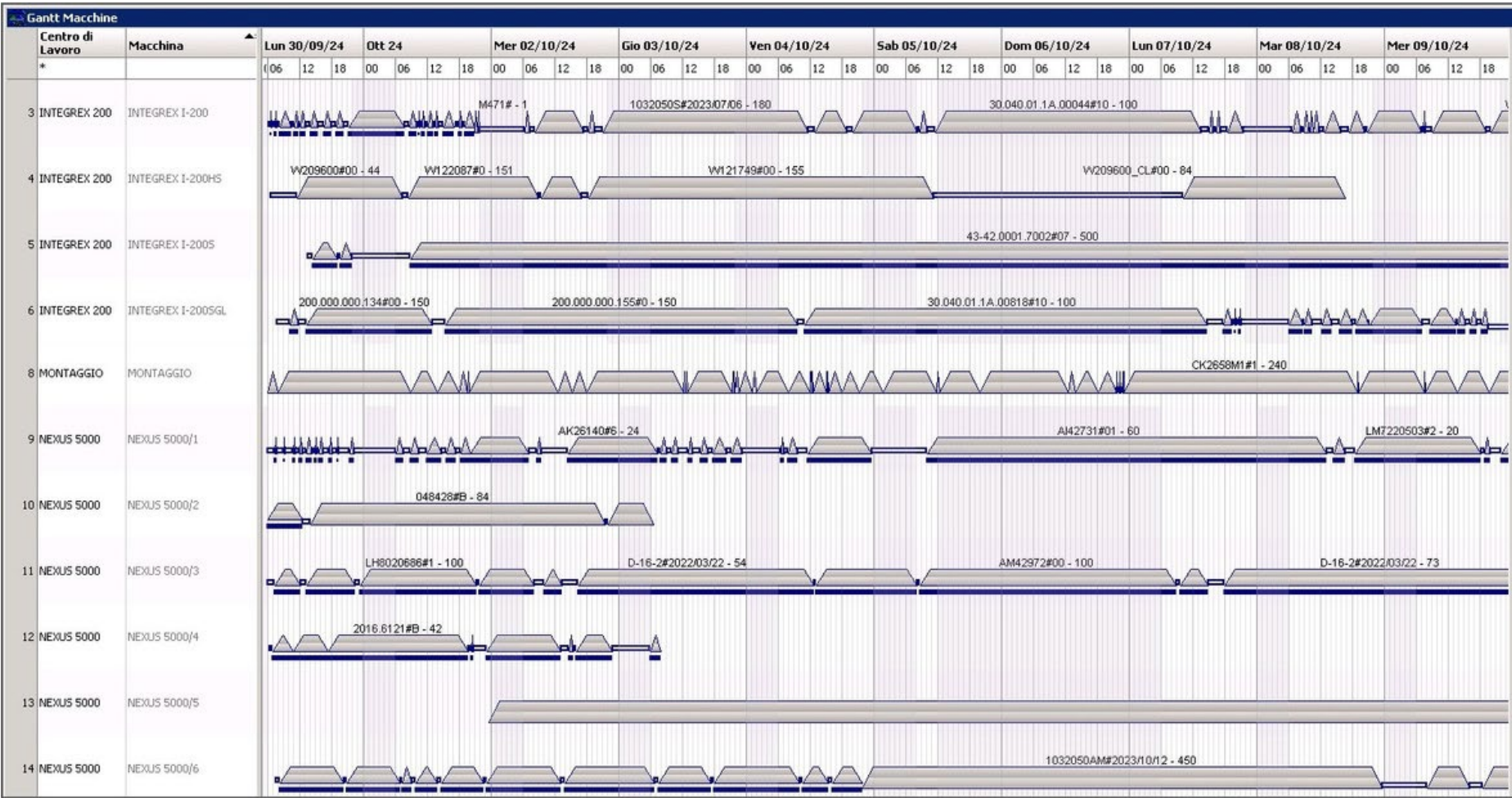
Surface and thermal treatments are outsourcing processes entrusted to a network of specialized partners.

- Anodizing
- Technical coatings
- Grinding
- Nickel plating
- Galvanizing
- Passivation
- Electropolishing
- Heat treatments
- Ceramic coatings
- Mechanical polishing



PLANNED AND CONTROLLED PRODUCTION

Scheduling, Deliveries, and Traceability



Use of data collection, planning, and scheduling software (MES + APS):

- To **simulate** the expected processing times during order confirmation
- For integrated **monitoring** of work progress

Unique batches to ensure complete traceability

USTER s.r.l.

Ordine di Produzione

OP22-02072
10000

Cliente: C0049 Data Inizio: 06/10/22 Scadenza: 20/10/22

Commissa OV22-00429

Scheda Controllo ☒ Cod. **8324522 00** **20 PZ**
Descr. **THERMAL REGULATOR LARGE**

Componenti

Nr. Articolo	Revisione	Descrizione	Quantità per UM	Quantità per (KG)	Quantità prevista
UM000318		AISI 420 ø90 (28-34HRC)	35 MM	1,75	700
			M2	L22000317	700

Operazioni

Codice	Descrizione	Tempo Setup	Tempo Lav.	Firma
010	SEGATRICE 1 TAGLIO A L=100mm X 3 PZ FINITI		1	
020	INTEGREX i-200S	120	21	
030	NEXUS 5000/4 PRG 12522	60	10	

QR code to verify order fulfillment status

TRACEABILITY OF MATERIALS



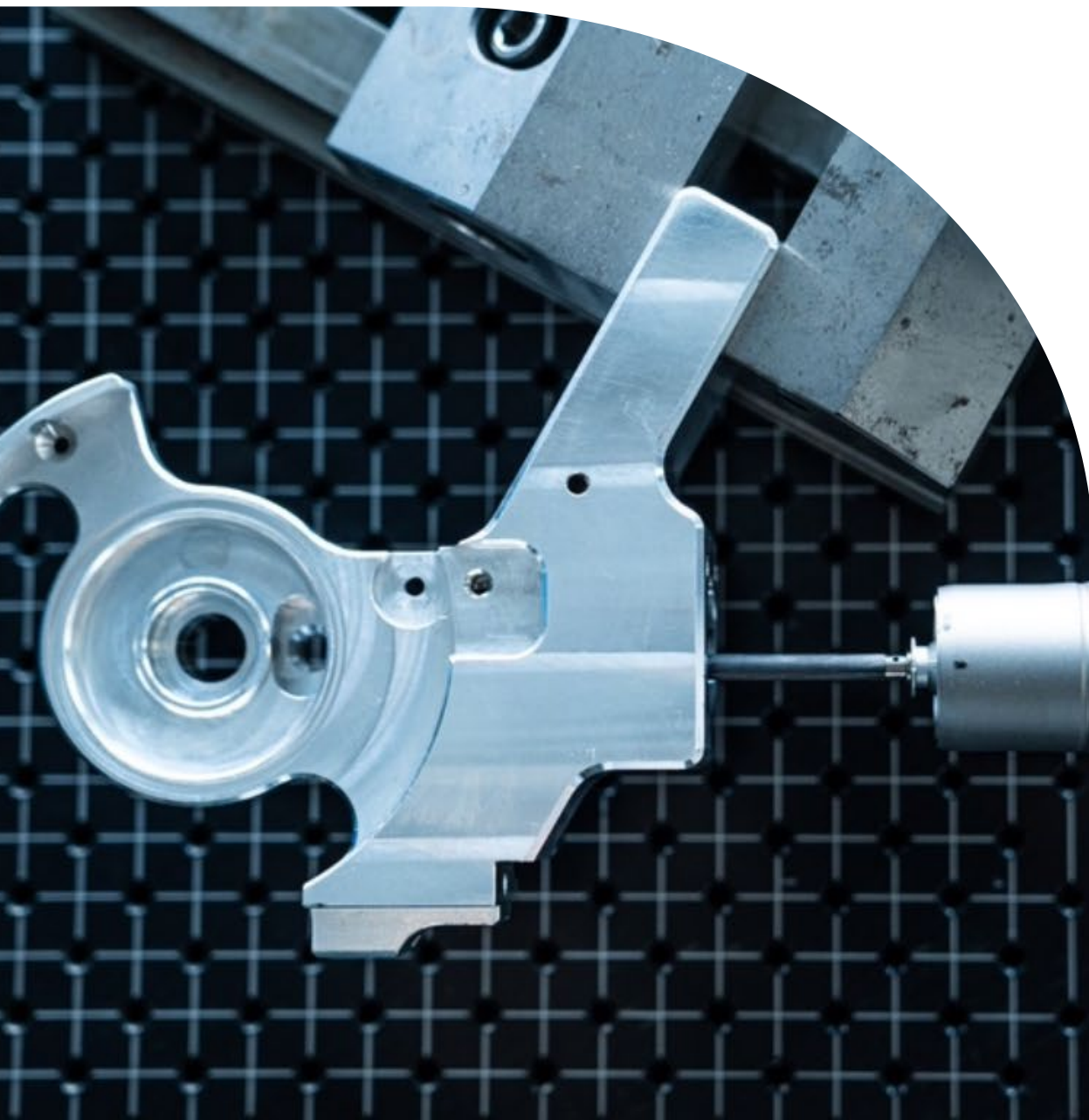
- Identification of raw materials with QR codes and unique batches to ensure complete traceability.
- Digital archive of raw material certificates.

02

DIMENSIONAL CONTROLS

CONTROLLED PRODUCTS

- Statistical Dimension Control Sheet
- Identification of critical dimensions, related control instruments, and control frequency according to quality standards.



	Controllo statistico dimensionale		Ditta:	HK		O.P.	02072/22		
	Nome pezzo	THERMAL REGULATOR	Disegno n°	8324522-0		n° Pz.	20		
1° LAVORAZIONE									
Oggetto del controllo	Strumento di misura adoperato		TAMPONE 1/8-27NPT						
	n° pezzi	1	3	6	9	12	15	18	20
2 FILETTI 1/8-27 NPT	PASSA								
Ø FORO 1/8-27NPT 8,73	Strumento di misura adoperato		CALIBRO DIGITALE						
	8,85								
Ø17,6 8,73	Strumento di misura adoperato		TAMPONE P/NP + MICROMETRO						
	17,63								
LARGHEZZA CAVA 8	Strumento di misura adoperato		CALIBRO DIGITALE						
	8,12								
SMUSSI 0,4x45°	Strumento di misura adoperato		PRESETTING						
	0,50								
SMUSSI (0,3x30°) + (1x30°)	Strumento di misura adoperato		PRESETTING						
	+0,1								
(INSERIRE QUOTE DI TUTTI E DUE GLI SMUSSI)	-0,1								
	firma								
	giorno								

MEASUREMENT AND CONTROL

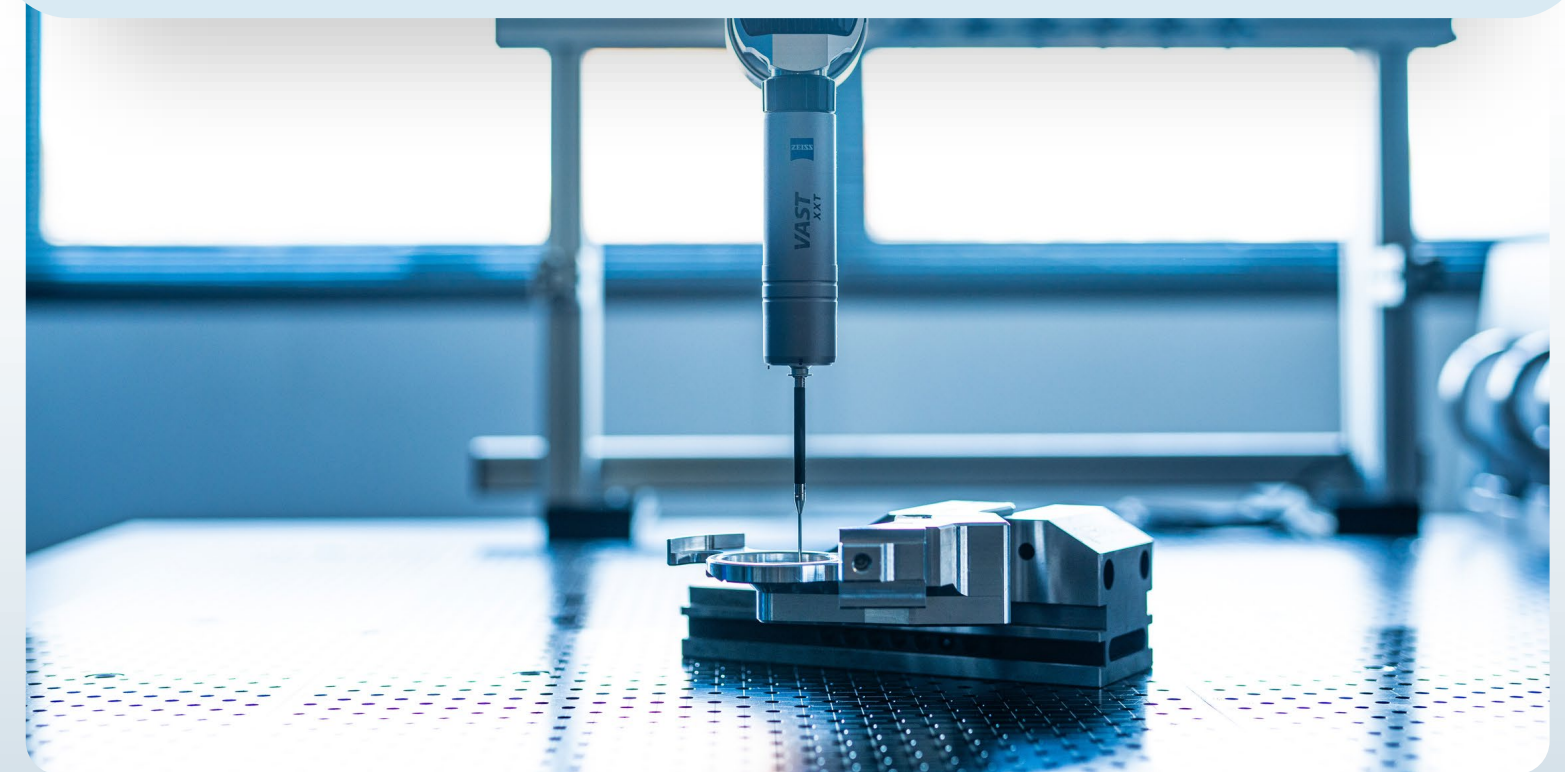
METROLOGICAL ROOM

The metrological room, climate-controlled and compliant with UNI EN ISO 1:2003 and ISO/IEC 17025 standards, utilizes over 400 measuring instruments for dimensional, geometric, and roughness checks.



ZEISS CONTURA

It issues certificates for assembled groups and individual parts. The Zeiss "Calypso" station supports programming and three-dimensional simulation for advanced quality control.



Other instruments:

- Mitutoyo Altimeter
- Garant rugosimeter Tester



CERTIFICATIONS

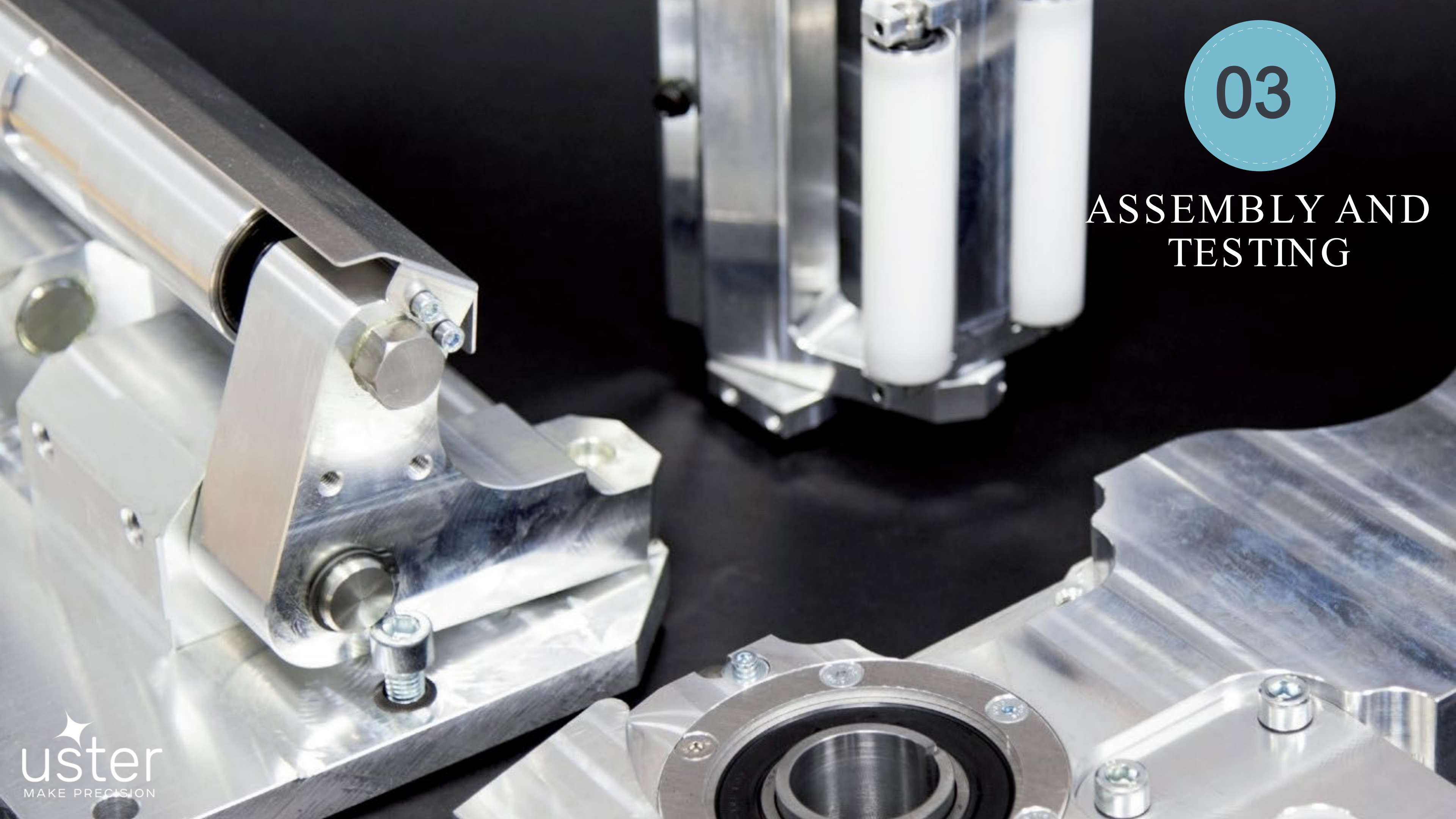
Uster is committed to following a rigorous quality protocol with **certified controls** to ensure products meet international standards.

01 ISO 9001 Certificate

02 MOCA Certificate

03 Certificates of COMPLIANCE
and ORIGIN

04 Certificates of dimensional TESTING
and functional SUITABILITY



03

ASSEMBLY AND TESTING



NOT ONLY COMPONENTS BUT ALSO ASSEMBLED UNITS

For a more comprehensive service, Uster specializes in the assembly and testing of mechanical groups

"KANBAN METHOD FOR WAREHOUSE MANAGEMENT

To reduce inventory, optimize the production process, and ensure accurate delivery planning.

PACKAGING

Customer-specific packaging



PARTNERSHIP

Uster collaborates with technical institutes ITS (Higher Education Institutes), involving students through internships in the company and training meetings.

A collaboration is also active for the DynamisPRC project, a racing department of the Polytechnic University of Milan, focused on the production of components used for racing cars.





Thank you!





USTER.IT

