



Microlan Aerospace

Specialised in the manufacture of precision mechanical components with high geometric and dimensional requirements for industrial sectors that demand an agile and precise service.

Our product reduces our customers' assembly costs.



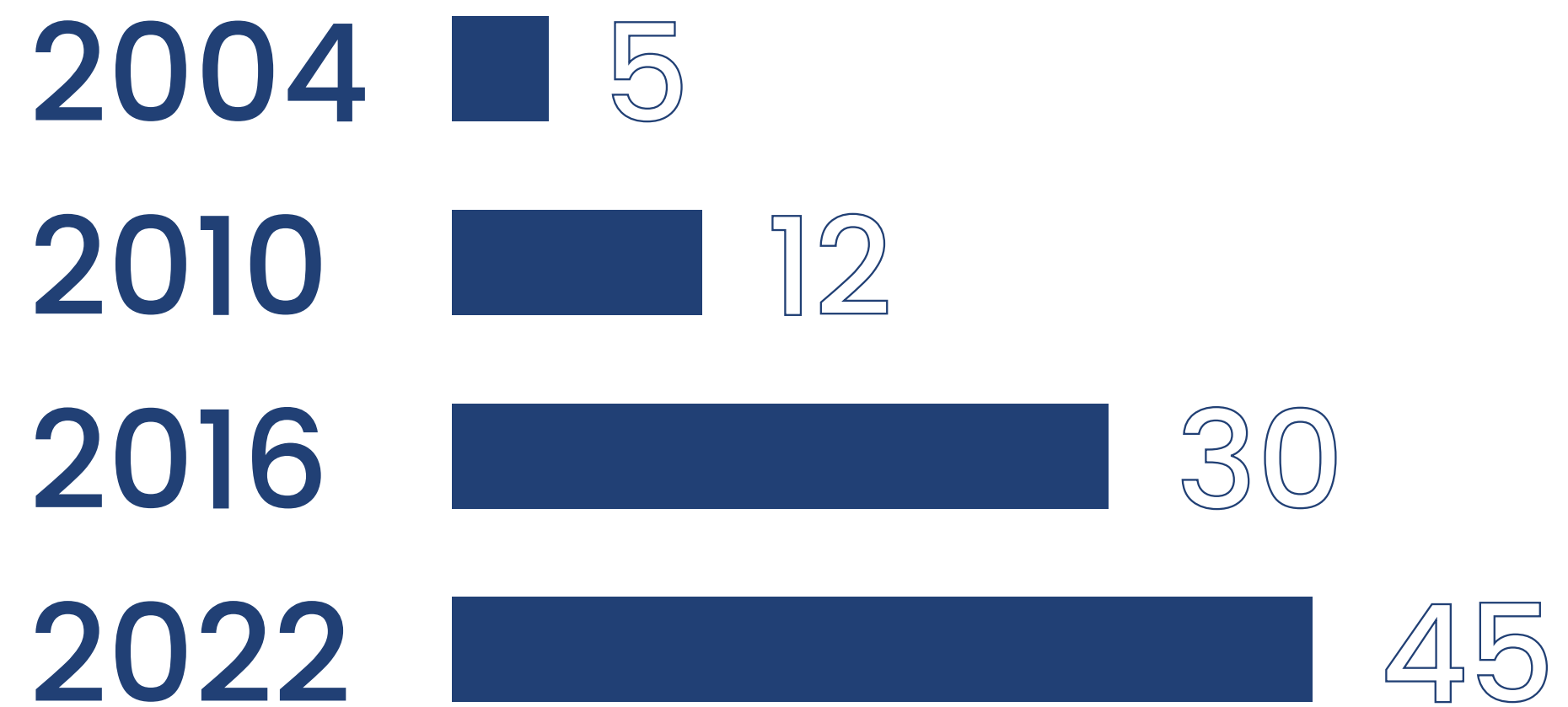
Our customers' **trust** is our daily challenge , motivating us to outdo ourselves day after day.



Regular growth



NUMBER OF EMPLOYEES



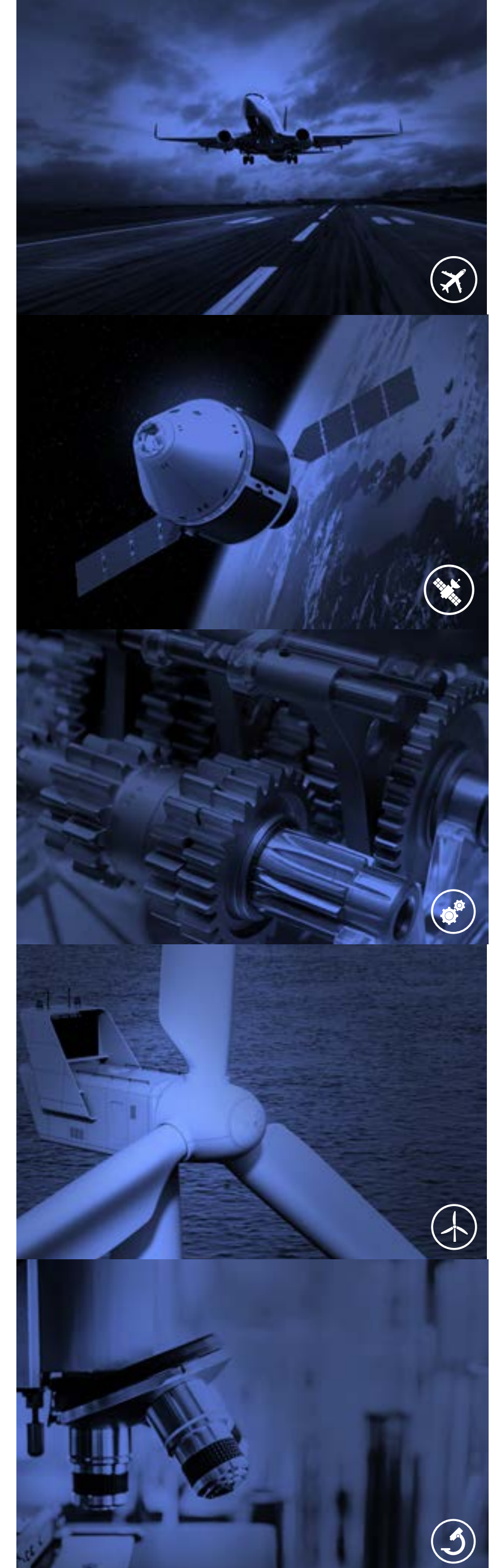
Our team

ADAPTING TO CHANGE

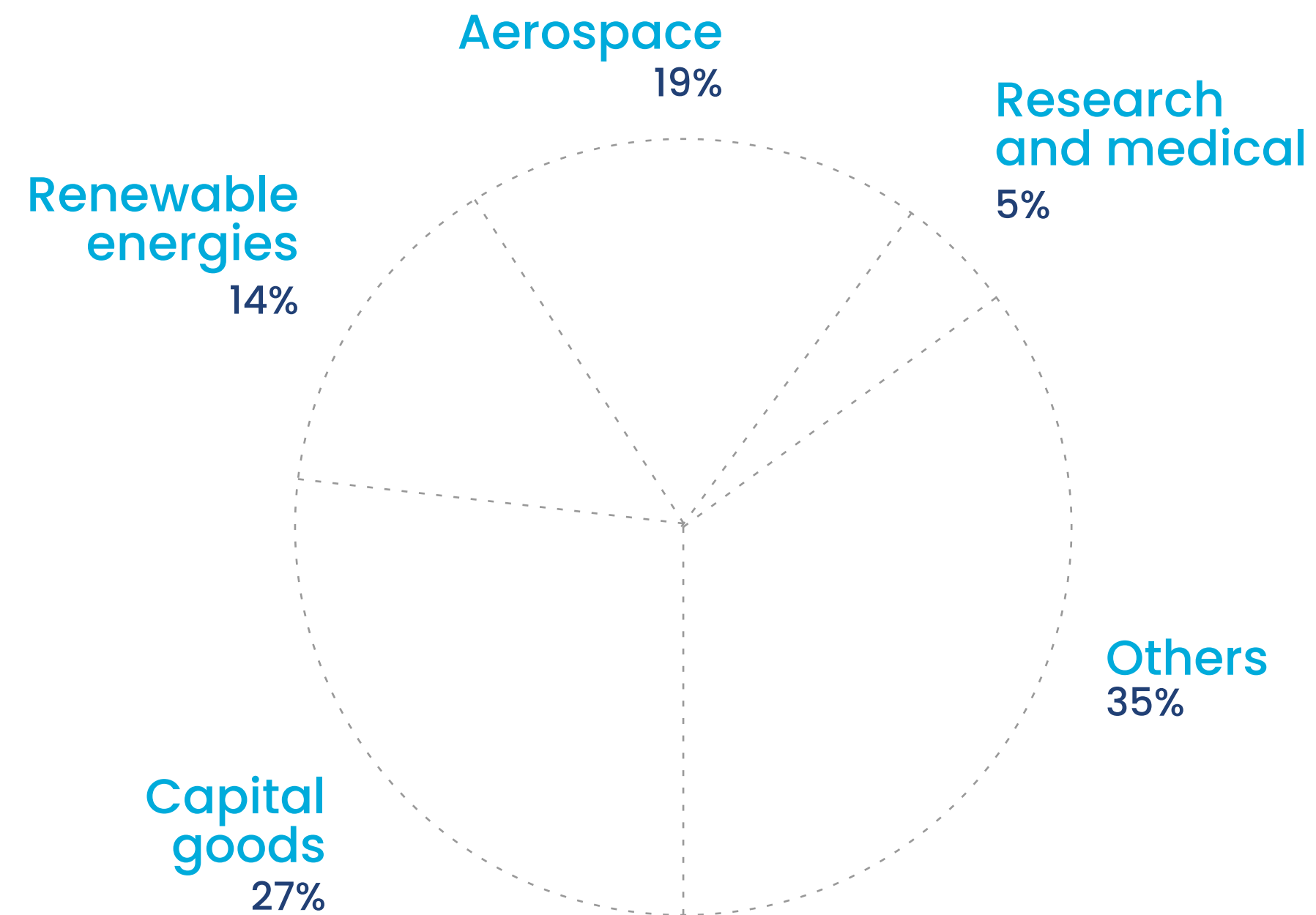


SECTORS

Aerospace
Aeronautics
Capital goods
Research and medical
Renewable energies



Our activity



- FRANCE
- SWITZERLAND
- CHINA
- INDIA
- POLAND
- GERMANY
- USA
- ITALY
- DENMARK
- NETHERLANDS
- LUXEMBOURG
- ROMANIA
- CZECH REPUBLIC

Our clients



QVS
added value solutions



Astronika



Volkswagen



**bradford
space**



PASQUALI
microwave systems



CERN



FAGOR



meler
GLUING SOLUTIONS



gmv
INNOVATING SOLUTIONS



Viscofan
The carving company



ISP
SYSTEM



AERnnova



GÜDEL SUMER



SAB
TECHNOLOGY



SENER
Aeroespacial

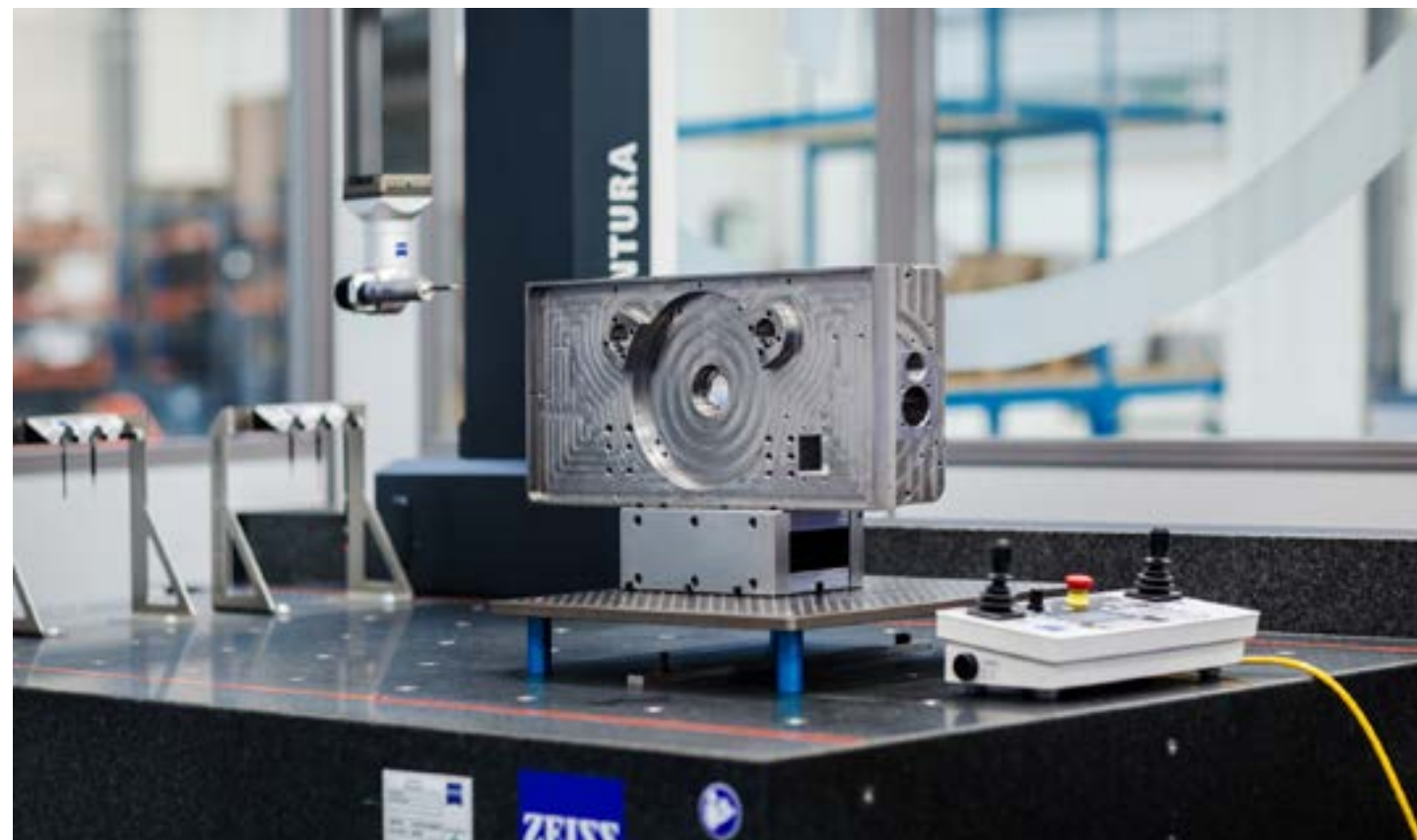


uforRES



REDWIRE

Productive excellence



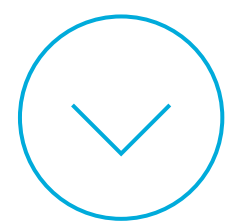
Research, Development And Innovation

Development of the aerospace sector as strategic area

VALIDDANTENNESS	2021	FCOMP	2018
Banda Q	2021	COMPACSAT	2018
FC-Space	2020	Manunet	2012
GGW-Filtros	2019		

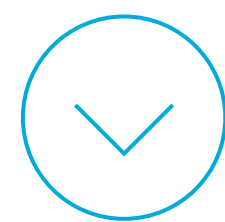
0.1 Annual production capacity

Lathing



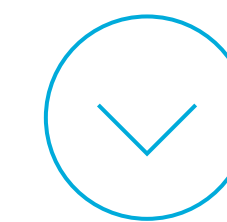
18,000 h

Milling
3 AND 4 AXIS



17,000 h

Milling
5 AXIS



23,000 h

Lathing

3 lathes: maximum diameter Ø350 mm, double spindle, Y axis, motorized tools and advance bars.

Mori Seiki NLX 2500: lathes: maximum diameter Ø350 mm, double spindle, Y axis, motorized tools and advance bars.

Multi-function **Mori Seiki NTX 2000:** lathe: double spindle, bottom turret, 86 tools equipped with **Halter automation**. Up to 450 mm in diameter.



3 and 4 axis milling

FASTEMS FMS flexible manufacturing cell with 24 pallets and 2 horizontal Makino A61NX centres. 400-tool store. Maximum dimensions: 700x700x800 mm **Makino a61nx.**

2 **Mazak VTC 300** with 4th axis integrated. Maximum dimensions: 1760x560x660 mm.



5 axis milling



2 **Mazak VARIAXIS 630** vertical machining centres with double pallet.

Maximum dimensions: 700x630x510 mm.

High speed vertical machining centre with integrated 4th and 5th axes equipped with **Fanuc** automation for small-sized components.

Maximum dimensions. 600x300x350 mm.

High-precision **Makino DA300** vertical machining centre with integrated flexible **EROWA 55** pallet manufacturing cell.

Maximum dimensions. 400x600x400 mm.

Mazak 5-axis continuous milling machine, with 48 tools, dimensions D500 X 350, automated with **Erowa Easy 10** pallet robot.

Manual operations

300 m² devoted to manual operations and machines



Assembly

200 m² devoted to the
assembly of mechanical sets

UNDER CONSTRUCTION



Quality control

“Our growth goes hand in hand
with our customers’ needs”

Clean room with temperature and humidity control.
Equipped with 3 Zeiss coordinate measuring
machines: Calypso measuring system

Maximum dimensions: 1800x800x1000 mm.



Quality control

We are certified under the ISO 9001 and EN 9100 standards. Our commitment to continual improvement and quality in our management led us in 2019 to be awarded the Sello de Bronce (Bronze Seal) by the Fundación Navarra para la Excelencia in recognition of our advanced management.



Tool room

Air-conditioned clean room equipped with:

- HAIMER tool balancing.
- Haimer shrink fit.
- Presetting of Zoller tools.
- Stock management Tool 24 by Hoffmann.

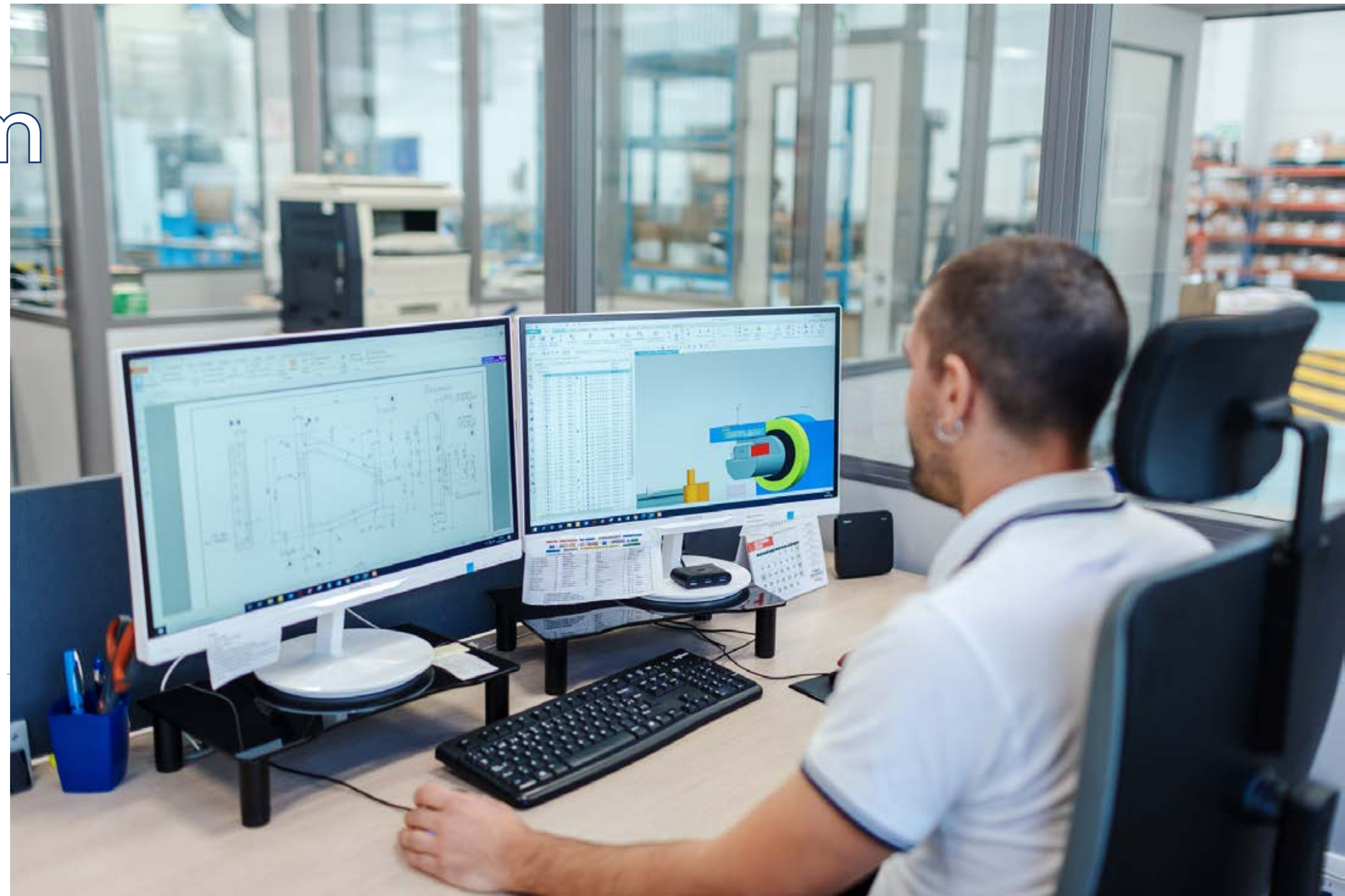


Programming room

CAD/CAM SYSTEMS

CAD/CAM systems
NX Siemens, Virtual Gibbs

**Jannus tool
management system**





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Passion **for** Precision