





Microlan Aerospace

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

Our product reduces our customers' assembly costs.



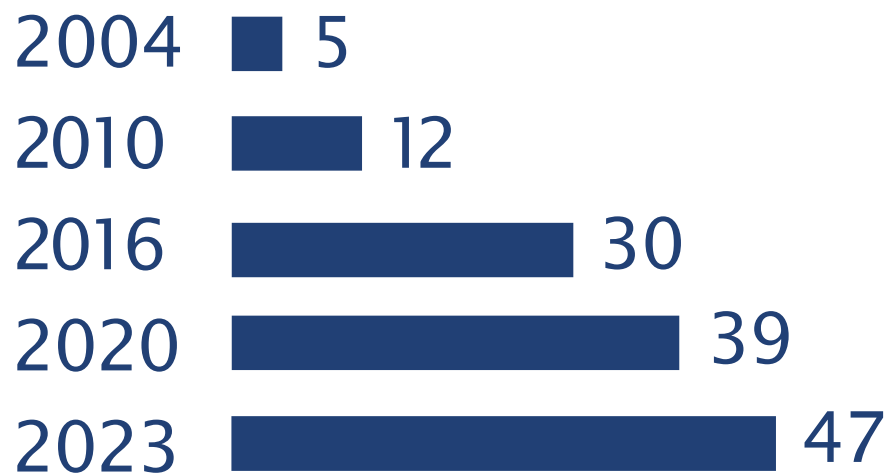
Our customers' trust is our daily challenge , motivating us to outdo ourselves day after day.



Regular growth

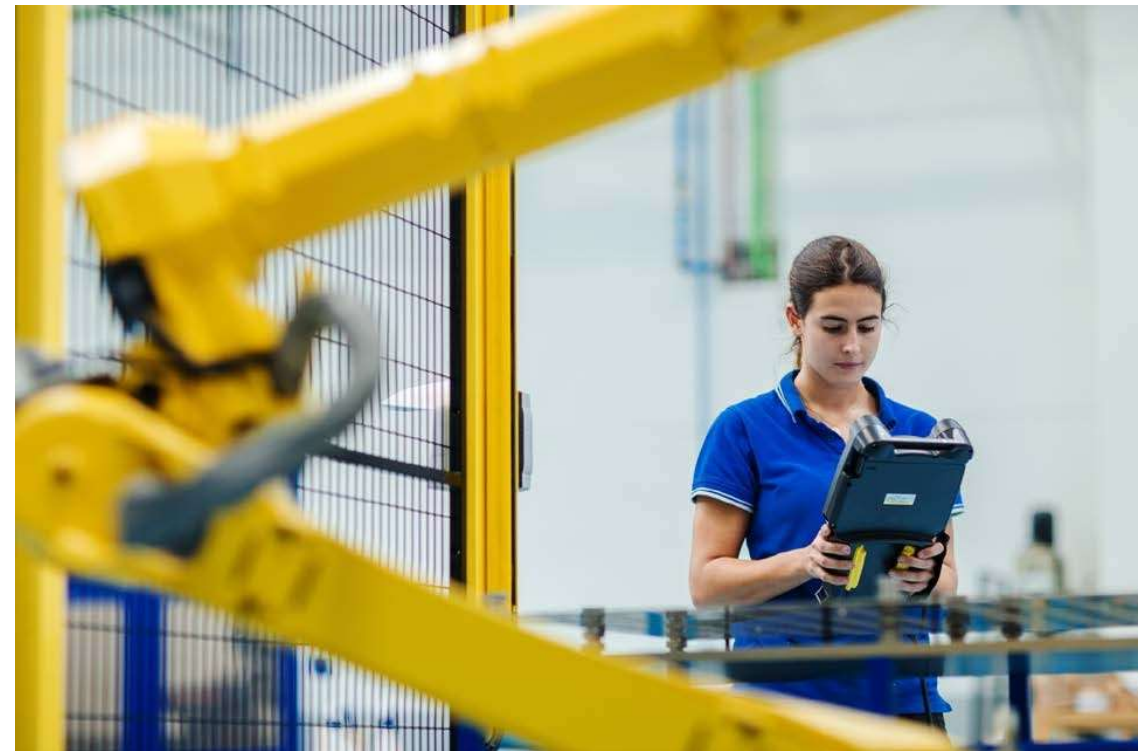


NUMBER OF EMPLOYEES



Our team

ADAPTING TO CHANGE



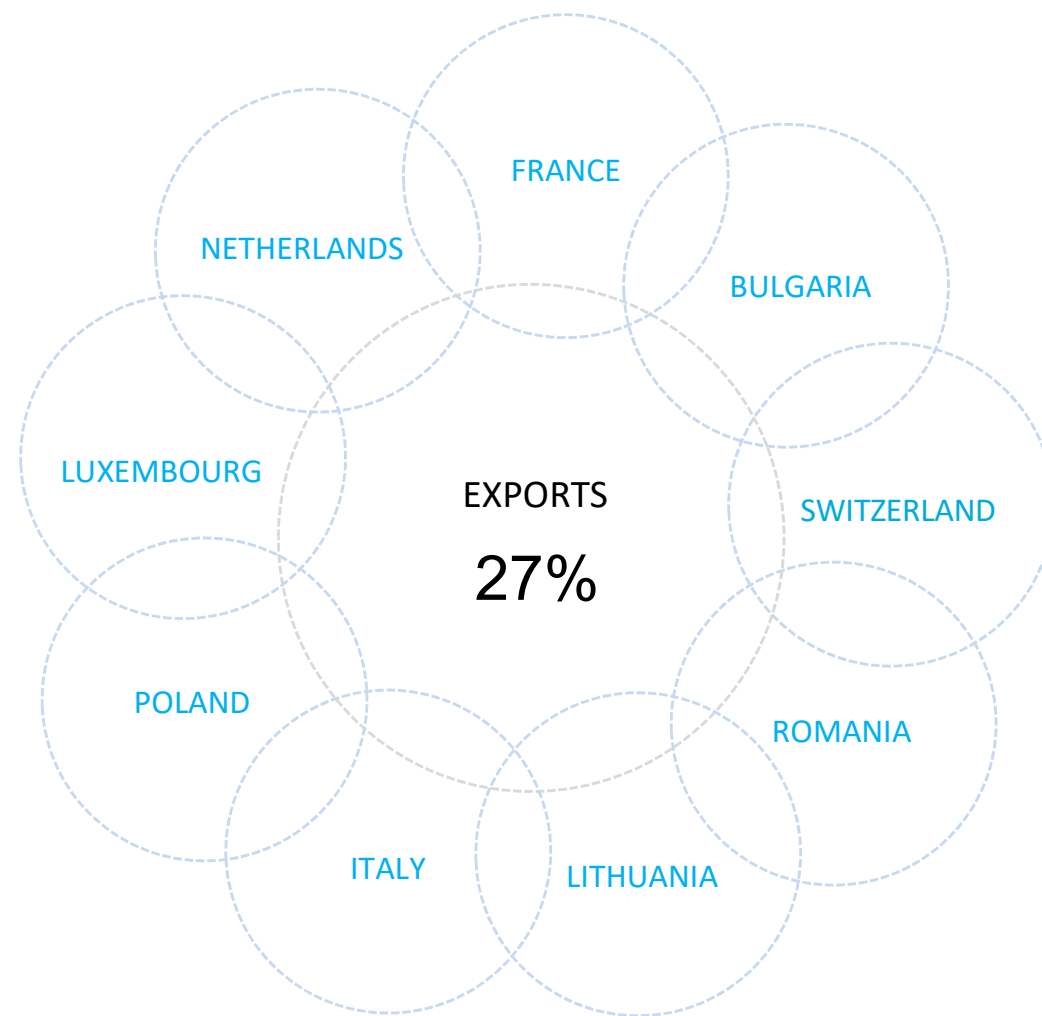
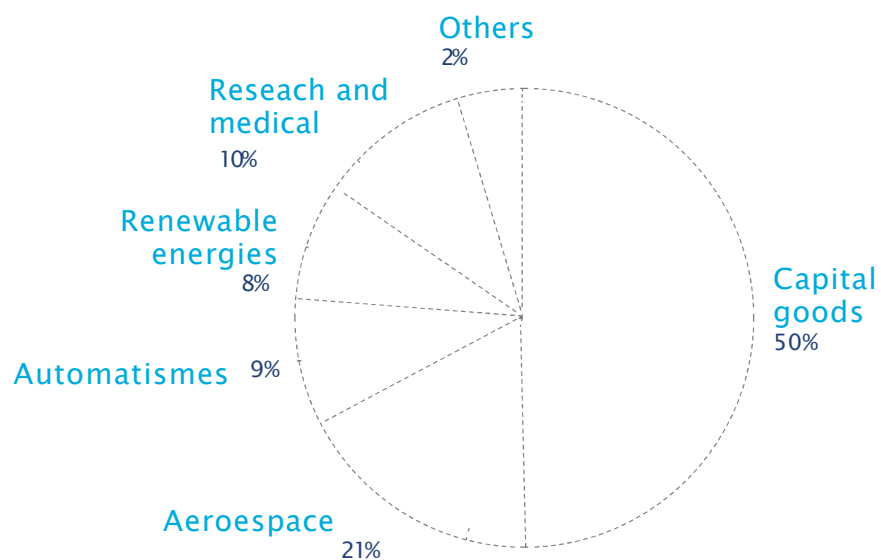


SECTORS

Aerospace
Aeronautics
Capital goods
Research and medical
Renewable energies



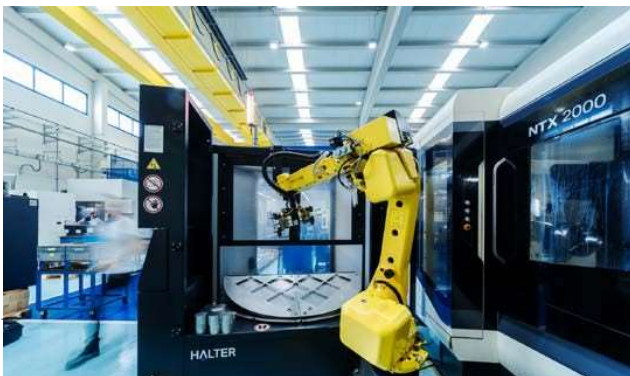
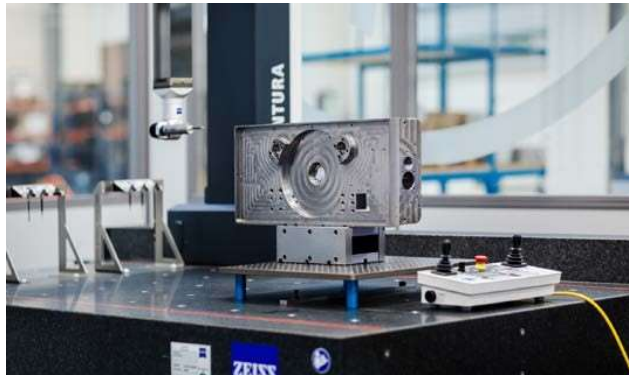
Our activity



Our clients



Productive excellence





Research, Development And Innovation

Development of the aerospace sector as strategic area

Fullfiled proyects:

GAS
VALIDDANTENNESS
Banda Q
FC-Space
GGW-Filtros
FCOMP
COMPACSAT
Manunet

We collaborate with:



We are part of:



0.1 Annual production capacity

Lathing/
turning



12,000 h

Milling
3 AND 4 AXES



15,000 h

Milling
5 AXES



19,000 h

Wire
Cutting



4,500 h

Lathing / turning

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.

Makino a-800z



5-axis horizontal machining centre, with direct-drive rotary tables, Unlimited 360° B-axis and 180° C-axis tilting style motion.

Makino Super Geometric Intelligence (SGI.5) high speed machining control system and Fanuc based **Pro-6 CNC** control.

Overall dimensions: Ø1000mm x 800mm high
Payload weight up to 1000kg

Wire cutting machine

U6 H.E.A.T. wire EDM.

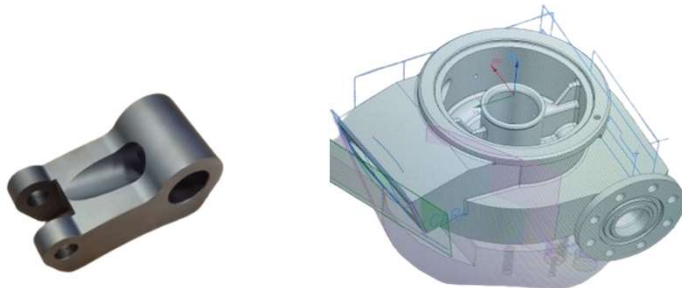
Equipped with dual independent rinsing pumps, filter system with 4 filters and V-shaped wire guiding system.

Overall dimensions: 600x600x400mm

Table: 910mmx710mm

Maximum piece weight: 1500kg

Available wire sizes: Ø0,1mm Ø0,15mm Ø0,2mm
Ø0,25mm Ø0,3mm





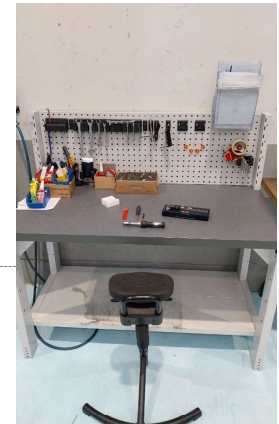
Manual operations

300 m² devoted to manual operations and machines



Assembly

200 m² devoted to the
assembly of mechanical sets



Quality control

“The quality of our work and the excellence of our service are our marks of distinction”

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.

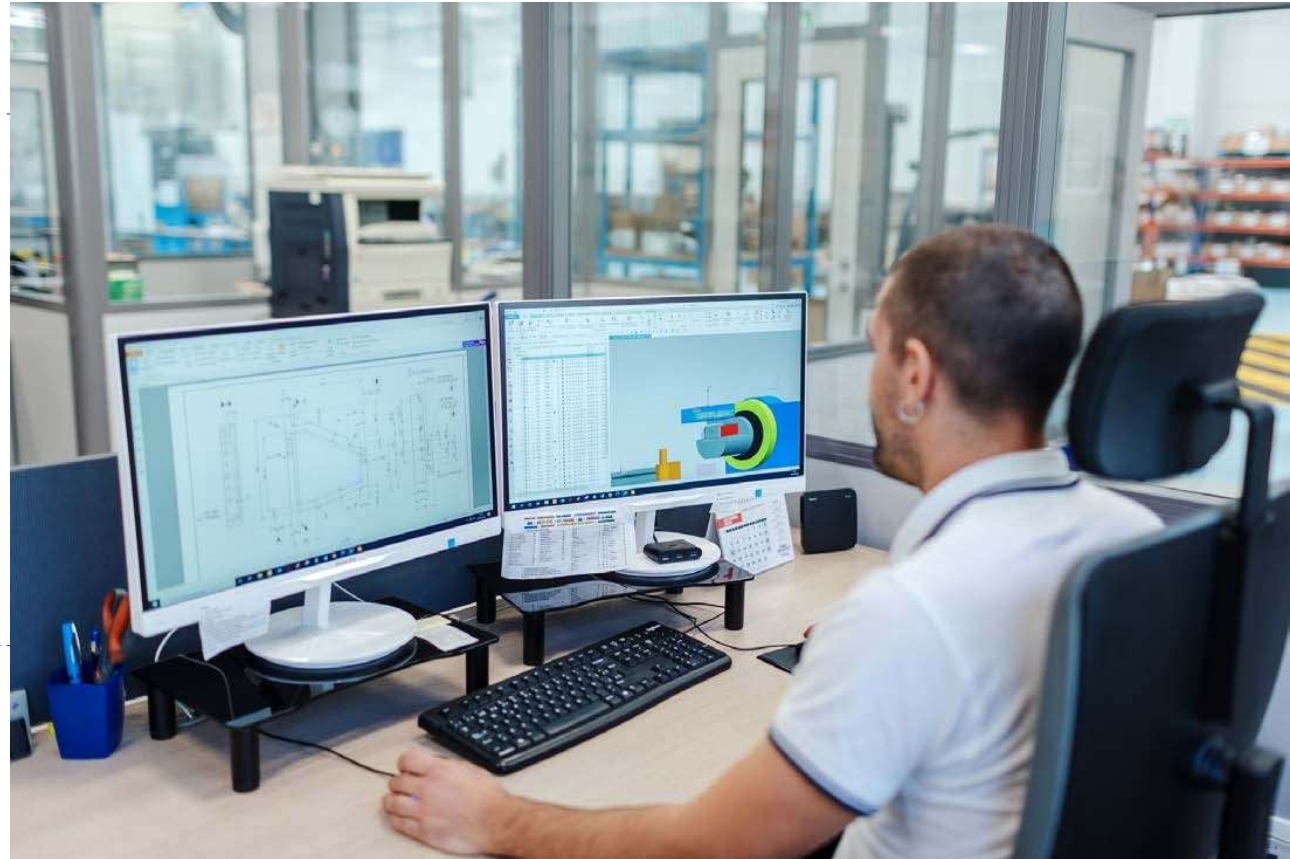


Programming room

CAD/CAM SYSTEMS

CAD/CAM systems
NX Siemens, Virtual Gibbs

Jannus tool
management system





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Passion for Precision