

REALMEGA

DESIGNER
BUILDER
DISTRIBUTOR of MACHINE-TOOLS
OPERATOR

THE COMPANY

- I. Founded in 1962
- II. In 2022, 135 employees and a turnover of 32'000'000 €
- III. Our French workshop in CLERMONT-EN-ARGONNE (55)
- IV. 60 years of experience in designing micromechanics machining centers
- V. 6000 machines installed across the world



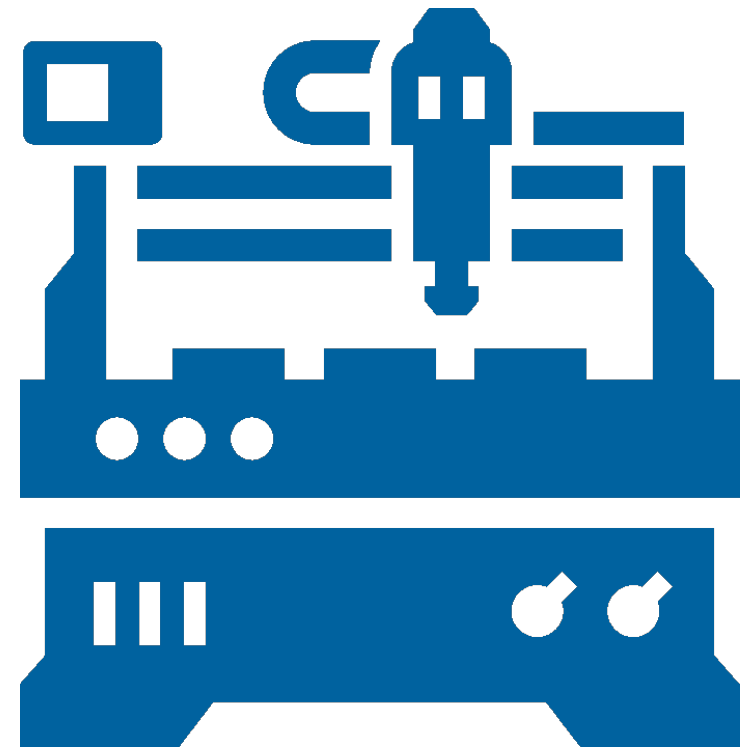
THE COMPANY

One company, two activities :

AERONAUTICAL DIVISION



MACHINE TOOL DIVISION



THE AERONAUTICAL DIVISION

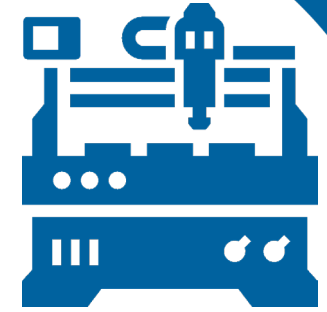


- > Machining complex technological components for the most important European aeronautic companies
- > Sub-contractor for the **THALES** group



We produce parts for the most demanding contractors of France with our own machines.

THE MACHINE TOOL DIVISION



**High Speed machining
centers**



**High precision turning
centers**



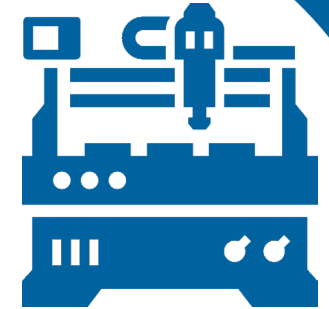
**Multifunction machines of
hyper precision**



Complete solutions to fulfill your needs :

TAILORED MACHINES + AUTOMATION + TRAINING + MAINTENANCE

THE MACHINE TOOL DIVISION



1 – DESIGNING



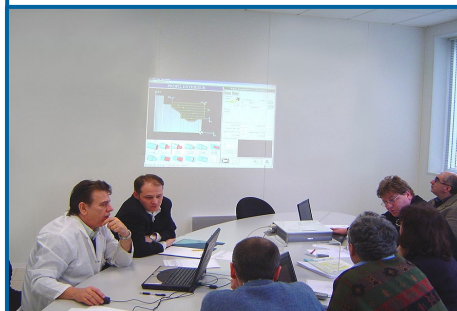
The **preparation** and **design** made in our design office.

2 – BUILDING



The **assembly** directly in our workshop.

3 – TRAINING



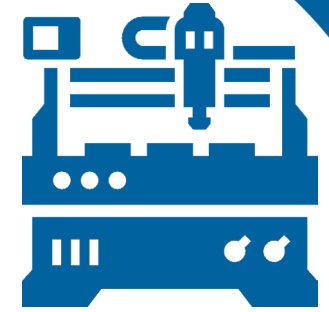
Operator and maintenance **training**

4 – SUPPORTING

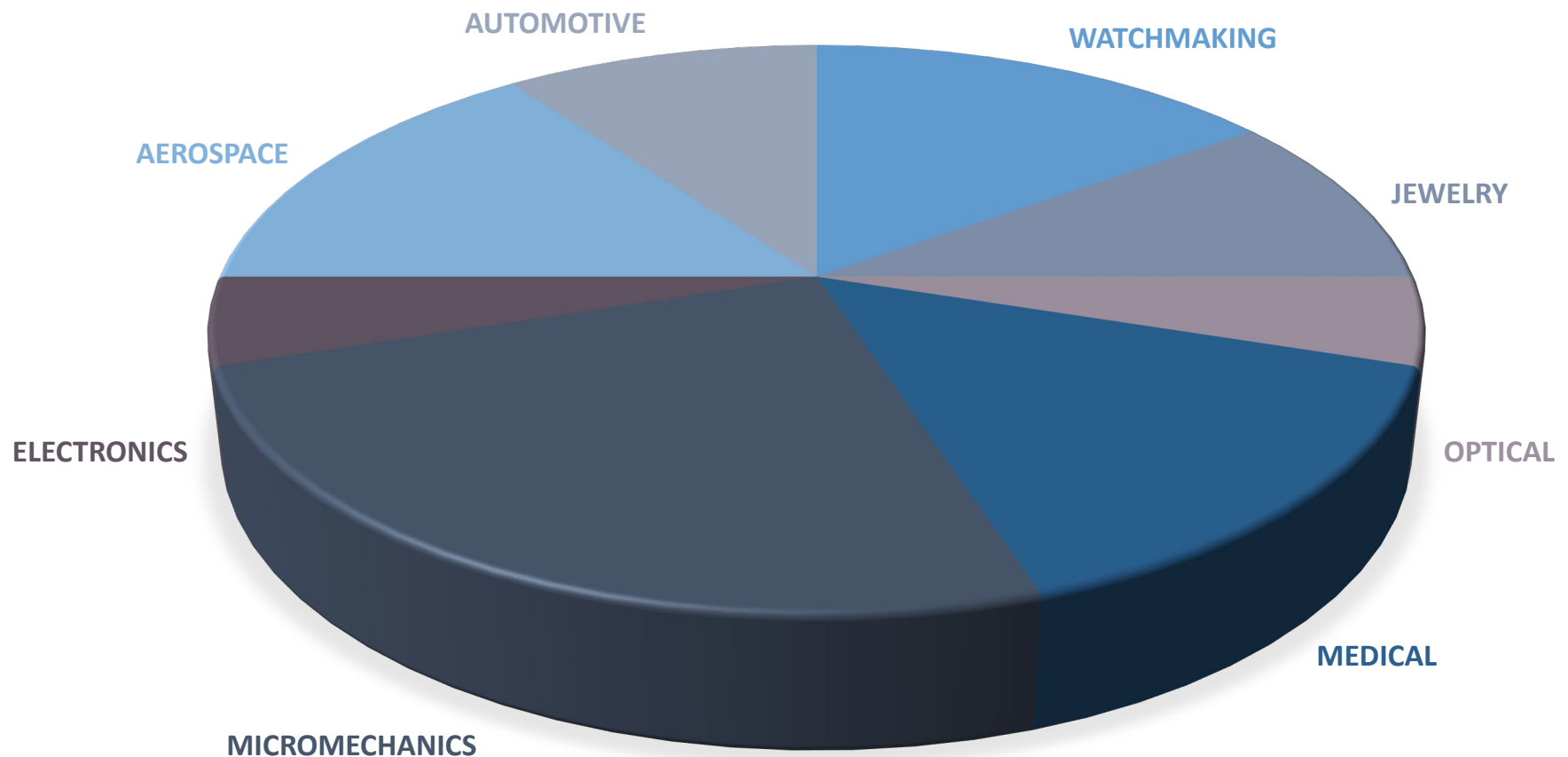


Staying in contact with your production and maintenance teams.

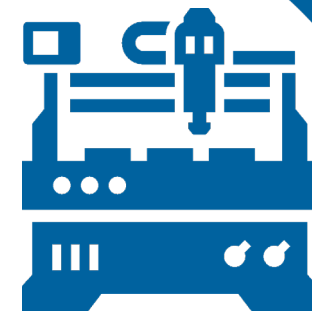
THE MACHINE TOOL DIVISION



For all sectors of micromechanics



THE MACHINE TOOL DIVISION



A machine made for you!

SIEMENS



FANUC



RM3-7

7-AXIS MODULAR MACHINING CENTER



CAPACITY

Z1 axis	580 mm
Z2 axis	585 mm
Y axis	140 mm
X axis	285 mm
B axis	100°/10°
C1-C2 axis	360°

HIGH-SPEED MILLING SPINDLE

HF80

Max. speed	50 000 rpm
Max. rating	2,5 kW / 3,2 kW
Taper	HSK-E25

HT80 (option)

Max. speed	30 000 rpm
Max. rating	3,3 kW / 4,3 kW
Taper	HSK-E25

TURNING SPINDLE 1

Max. speed	6000 rpm
Max. rating	3,7 kW
Spindle nose	Ø 90 mm
Bar capacity	32 mm
Bar capacity (option)	42 mm

TURNING SPINDLE 2

Max. speed	6000 rpm
Max. rating	3,7 kW
Spindle nose	Ø 90 mm

FEEDRATES

Max. cutting	20 m/mn
Rapids	20 m/mn
B axis	35 rpm
C1-C2 axis	100 rpm
Precision	0,1µ / 0,001°

TOOL CHANGER

Capacity	60
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SIZE / MASS

Length / width / height	2200 x 2150 x 2000 mm
Weight	3500 kg

RV-2 5A

5-AXIS HIGH SPEED MILLS



CAPACITY

X axis	250 mm
Y axis	250 mm
Z axis	250 mm
B axis	100°/10°
C axis	360°

SPINDLE

HF80

Max. speed	50 000 rpm
Max. rating	2,5 kW / 3,2 kW
Taper	HSK-E25

HT80 (option)

Max. speed	30 000 rpm
Max. rating	3,3 kW / 4,3 kW
Taper	HSK-E25

FEEDRATES

Max. cutting	30m/min
Rapids	30m/min
Precision	0,1μ / 0,001°

TOOL CHANGER

Capacity	18 - 30 - 60
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SIZE / MASS

Length / width / height	2300 x 1600 x 2000 mm
Weight	2750 kg

RT-3 SP

HIGH PRECISION LATHE



CAPACITY

X axis	125 mm
Z axis	300 mm
Between centers	400 mm
Tailstock	CM2
C axis	360°

SPINDLE

Max. speed	6000 rpm
Max. rating	4 kW
Spindle nose	Ø 90 mm
Bar capacity	32 mm

FEEDRATES

Max. cutting	15 m/min
Rapids	15 m/min
C axis	300 rpm
Precision	0,1µ/ 0,001°

TURRET

Capacity VDI 16	8
Capacity VDI 20	8

LIVE TOOLING (option)

Capacity VDI 16	12
Number of live-tool position	6
Max. rpm	6000 rpm
Rating	1,5 kW

SIZE / MASS

Length / width / height	1920 x 1580 x 1720 mm
Weight	2800 kg

QUALIFICATION

A company with acknowledged skills!



REALMECA

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