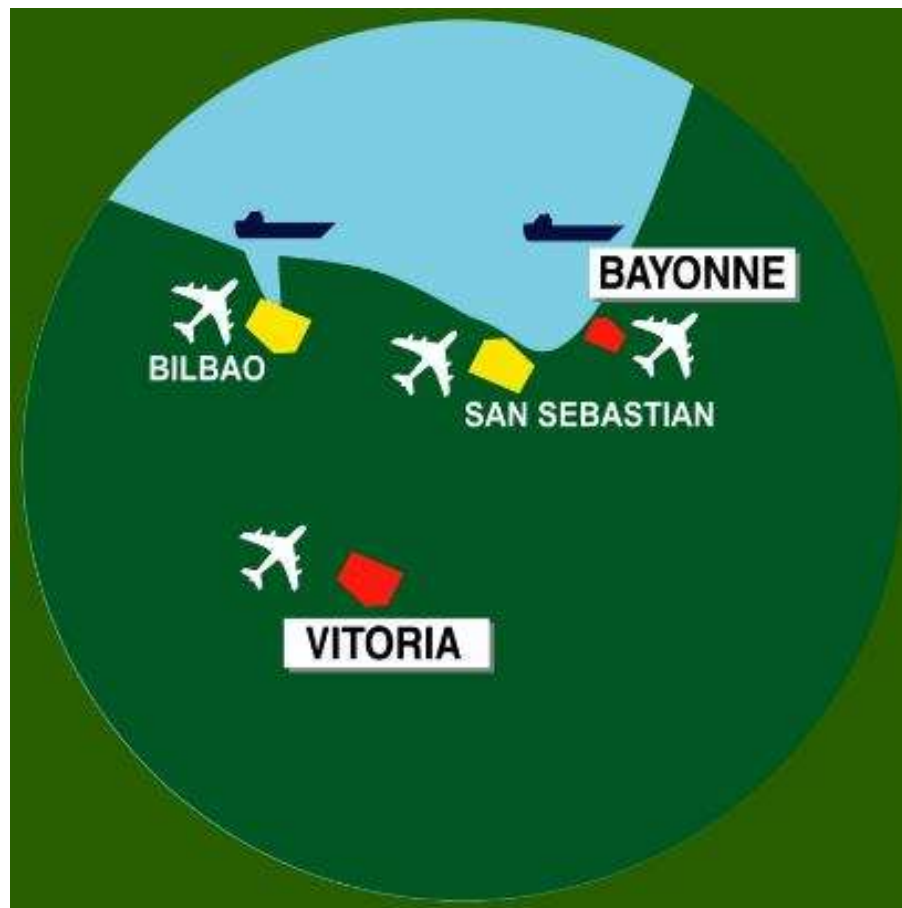
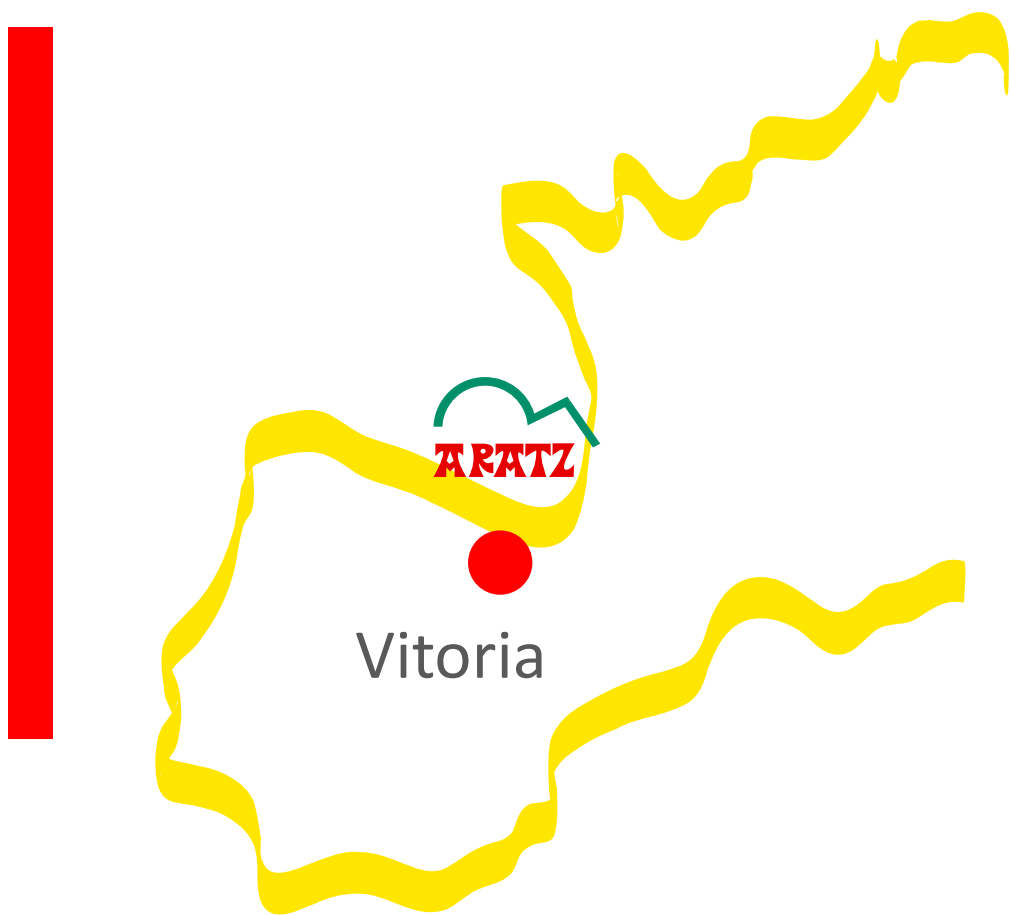


ARATZ GROUP

ENGINEERING FABRICATED TECHNOLOGY S.L



LOCATION







MACHINING AREA

WORK SHOP





MACHINING AREA

WORK SHOP





PROGRAMING, STUDIES AND DESIGN

7 Engineers and Technicians



FABRICATION AND ASSEMBLY

60 Technicians and Operators

6 VERTICAL LATHES

1 VERTICAL LATHE CNC BERTHIEZ

(POSIBILITY OF MILLING) Ø 6300 X 2600

1 VERTICAL LATHE CNC BOST VTL 45C

(POSIBILITY OF MILLING) Ø 4500 x 3000

1 VERTICAL LATHE CNC BERTHIEZ

Ø 4500 x 1500

1 VERTICAL LATHE YOUJI

(POSIBILITY OF MILLING)

Ø 1800 X 1600

1 VERTICAL LATHE CNC DORRIER

Ø 900 x 700



12 MILLING MACHINE CNC 5 AXIS ALL OF THEM WITH ROTARY TABLE

1 MILLING MACHINE CNC ZAYER (THERA-10000AR)
OVERCROSS XYZ 10000 x 5000 x 2200 5 AXIS
1 MILLING MACHINE CNC ZAYER (THERA-15000AR)
OVERCROSS XYZ 15000 x 5000 x 2200 5 AXIS



THIS TWO MACHINES ARE TOGETHER WHAT
MAKES A MACHINE OF 27000 MM LENTH

1 MILLING MACHINE CNC ZAYER (ALTEA-6000AR)
OVERCROSS XYZ 6000 x 3000 x 2200 5 AXIS **NEW**
1 MILLING MACHINE CNC ZAYER (30 KU-20000AR)
OVERCROSS XYZ 20000 x 1500 x 4000 (7 axis)
1 MILLING MACHINE CNC ZAYER (30 KCU-10000 AR)
OVERCROSS XYZ 10000 x 1500 x 3500
1 MILLING MACHINE CNC ZAYER (30 KU-8000)
OVERCROSS XYZ 8000 x 1500 x 2500 (7 axis)
1 MILLING MACHINE CNC ZAYER (30 KU-8000)
OVERCROSS XYZ 8000 x 1500 x 1500 (7 axis)
1 MILLING MACHINE CNC ZAYER (30 KU-5000)
OVERCROSS XYZ 5000 x 1500 x 2500
1 MILLING MACHINE CNC ZAYER (30 KM-6000 AV)
OVERCROSS XYZ 4300 x 1250 x 1500
1 MILLING MACHINE CNC ZAYER (ARION-4000)
OVERCROSS XYZ 4000 x 2000 x 1500
1 MILLING MACHINE CNC ZAYER (XIOS G-4000X2500 X1600)
OVERCROSS XYZ 4000 x 2500 x 1600
1 MILLING MACHINE CNC ZAYER (KF-4000)
OVERCROSS XYZ 3800 x 1300 x 1000



8 MILLING MACHINES CNC 3 AXIS ALL OF THEM WITH ROTARY TABLE

3 MILLING MACHINE CNC KFU 4000

OVERCROSS XYZ 4000 x 1500 x 1500

1 MILLING MACHINE CNC LAGUN (GBR3-3000)

OVERCROSS XYZ 3000 x 1500 x 1500

1 MILLING MACHINE CNC ZAYER (ZF-2000)

OVERCROSS XYZ 1750 x 1050 x 750

1 MILLING MACHINE KONDIA (HM 1060)

OVERCROSS XYZ 1000 x 600 x 510

1 MILLING MACHINE CNC KONDIA (CM-1650)

OVERCROSS XYZ 1600 x 510 x 510

1 MILLING MACHINE CNC LAGUN (GVC-1000)

OVERCROSS XYZ 1000 x 500 x 500



5 PARALELL LATHES

- 1 LATHE CNC GEMINIS GT6
MAX. DIA 1450 DIST. BETWEEN POINTS 3000
- 1 LATHE CNC GEMINIS (780 CNC)
MAX. DIA 1450 DIST. BETWEEN POINTS 3000
- 1 LATHE CNC GEMINIS GT5
MAX. DIA 800 DIST. BETWEEN POINTS 3000
- 1 LATHE CNC ALPHA (1400 U)
MAX. DIA 600 DIST. BETWEEN POINTS 1000
- 1 LATHE CNC CMZ
MAX. DIA 450 DIST. BETWEEN POINTS 1000





WE DESIGN IN CATIA V28
NX UNIGRAPHICS SYSTEMS

- 1-Desing different tools (molding trimming and assembly tool)
- 2- Manufacture and meassure desinged tools
- 3- Install at the customer's workshop





+ On the final assembly of the tools and complete assembly lines for production we do the final Inspection with laser measurement system.
We have two Laser-Tracker LEICA AT960LR and LTD 402.



So with this system we can offer:

- Assembly and check big dimension tools.
- Geometrical and dimensional control of big tools.
- Reverse engineering.
- Periodical inspection of different tools.
- Modeling of surfaces.

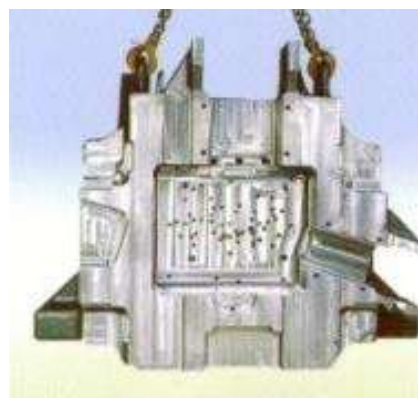
+ 2 Tridimensional machines that allow to complete our possibility of measurement.



**AERONAUTIC AND
SPATIAL**

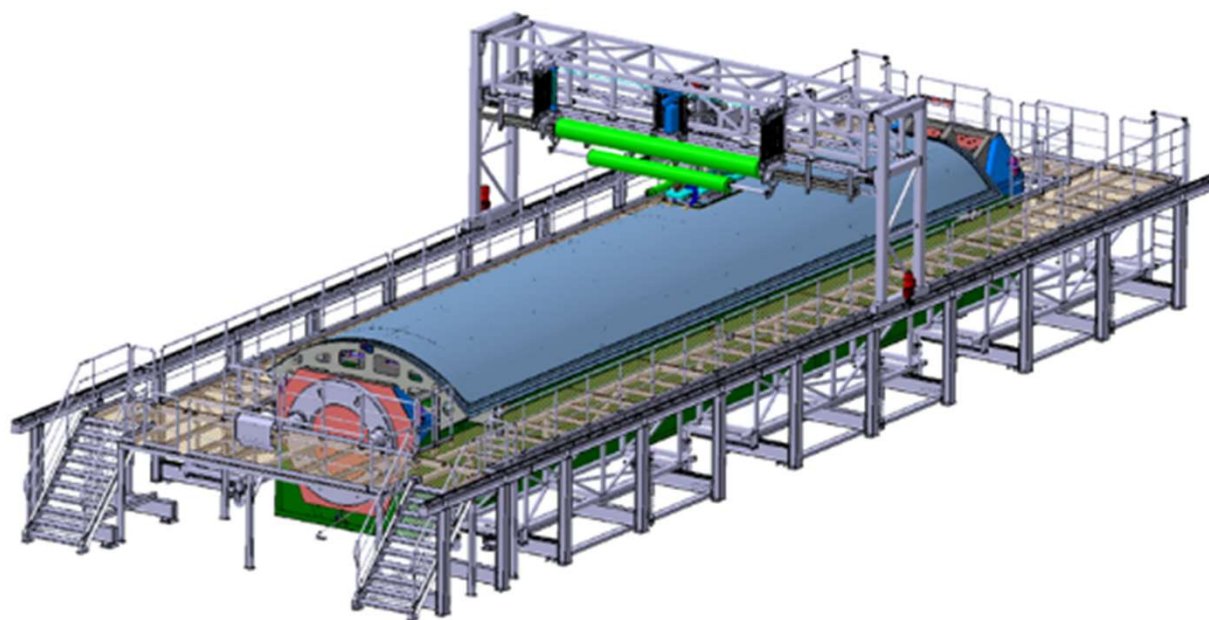
HYDROELECTRIC

**OTHERS:
AUTOMATION
PETROQUIMIC
PROTOTYPES**





**LAY UP TOOL
FOR S16/18 A350
DESING-FABRICATION
AND SET UP**



LAY UP TOOL S19 FOR A350



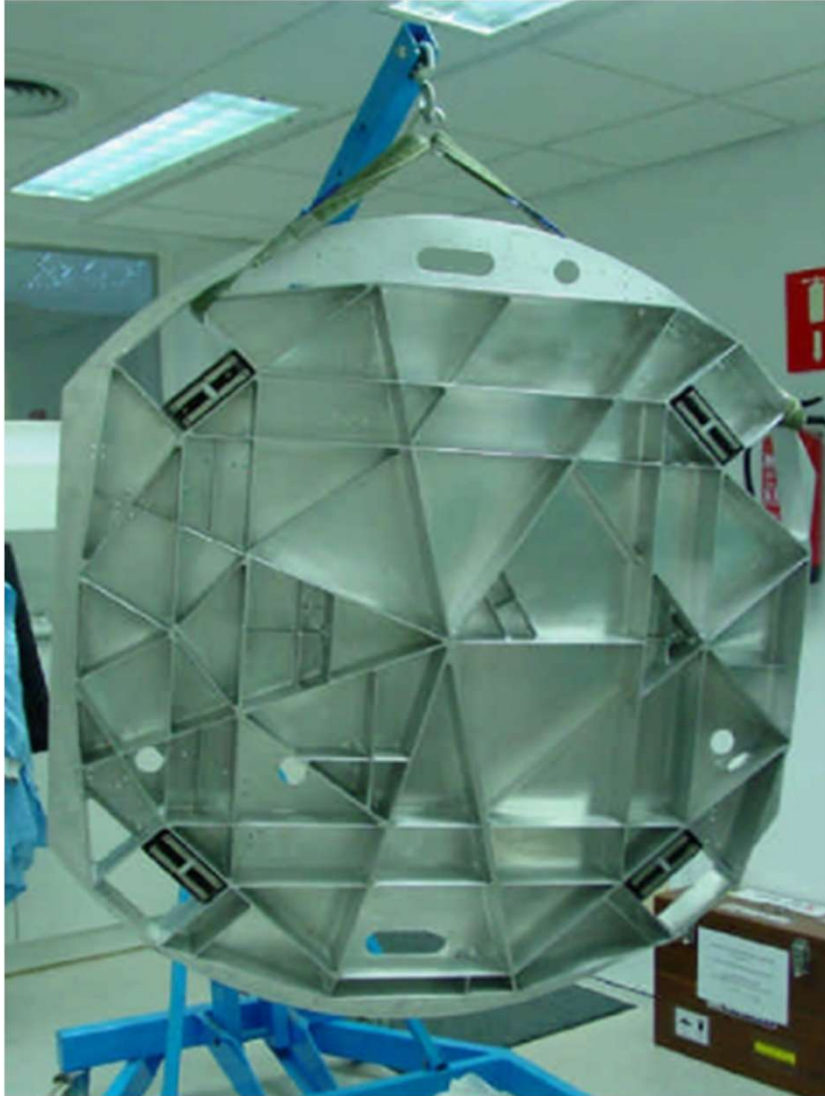
DEVELOPED PROJECTS



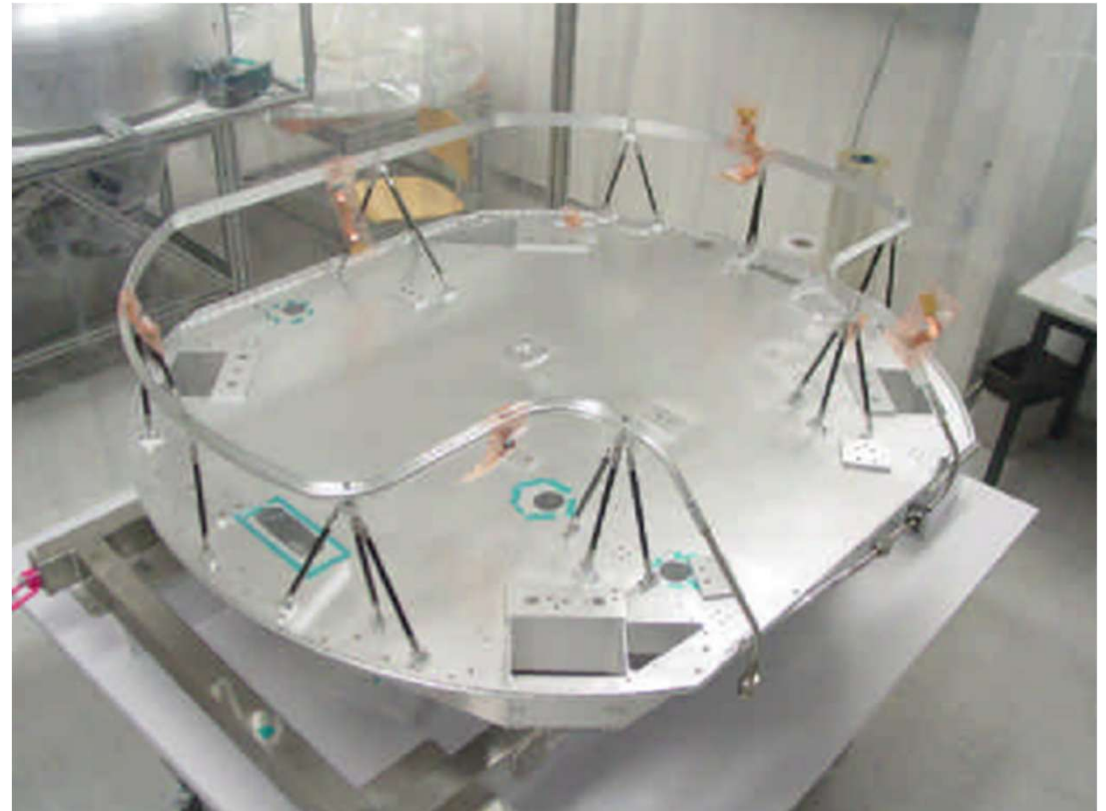


OML TOOLS for lay up and molding
WING OF A220





**AEROSPACE MARKET SPANISH
METEOSAT SATELLITE PART**





FABRICATION OF PARTS FOR TELESCOPES AND FINAL
ASSEMBLY AND TESTING IN COLLABORATION WITH "IDOM
ENGENIERING" PROYECT "QUIJOTE"

EMBRAER 170 & 190

ASSEMBLY PLATFORMS AND
PREASSEMBLY PLATFORMS





LAY UP AND MOLDING TOOL FOR CARBON FIBER **“ARIANE 6”**
5.6 M DIAMETER









ASSEMBLY JIG FOR A321 XLR

DEVELOPED PROJECTS



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Fax +39 02 5812 2726
Email: info@aratz.it
www.aratz.it



TRIMMING TOOLS





CHECKING TOOLS





MOLDING TOOL VAINILLE





MOLDING TOOL AIRINLET A320 NEO

SOME OF OUR CLIENTS ON AERONAUTIC AND SPACE

AIRBUS



ACITURRI



AIRBUS SPACE AND DEFENCE



DASSAULT



SPIRIT



AIRCELL



SAFRAN



AERNOVA



ITP (ROLLS ROYCE)



IDOM



SENER

