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kinetics

Space

Growing
Together

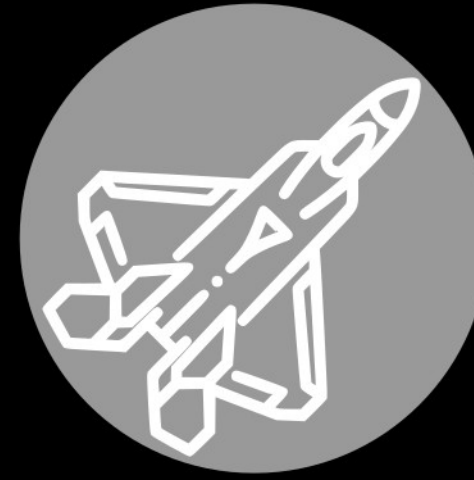
*Automated
Industrialization*

*Engineering
Manufacturing
Assembly
Integration
Test*



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INVENTIA kinetics SL - Av. Galileo Galilei 2, 28906 Getafe, Madrid, +34 918707095
www.inventiakinetics.com

October 2025



Aero

- Engineering & Manufacturing
- Product Development
- MRO & Customer Support
- GSEs & AGEs
- SM & APL
- Advanced Robotics
- UAS

Space

- Product Development
- Engineering
- MAIT
- Platform Integration
- APL & SM
- Thermomechanical Subsystems
- Mechanisms
- Strategic Tier 1

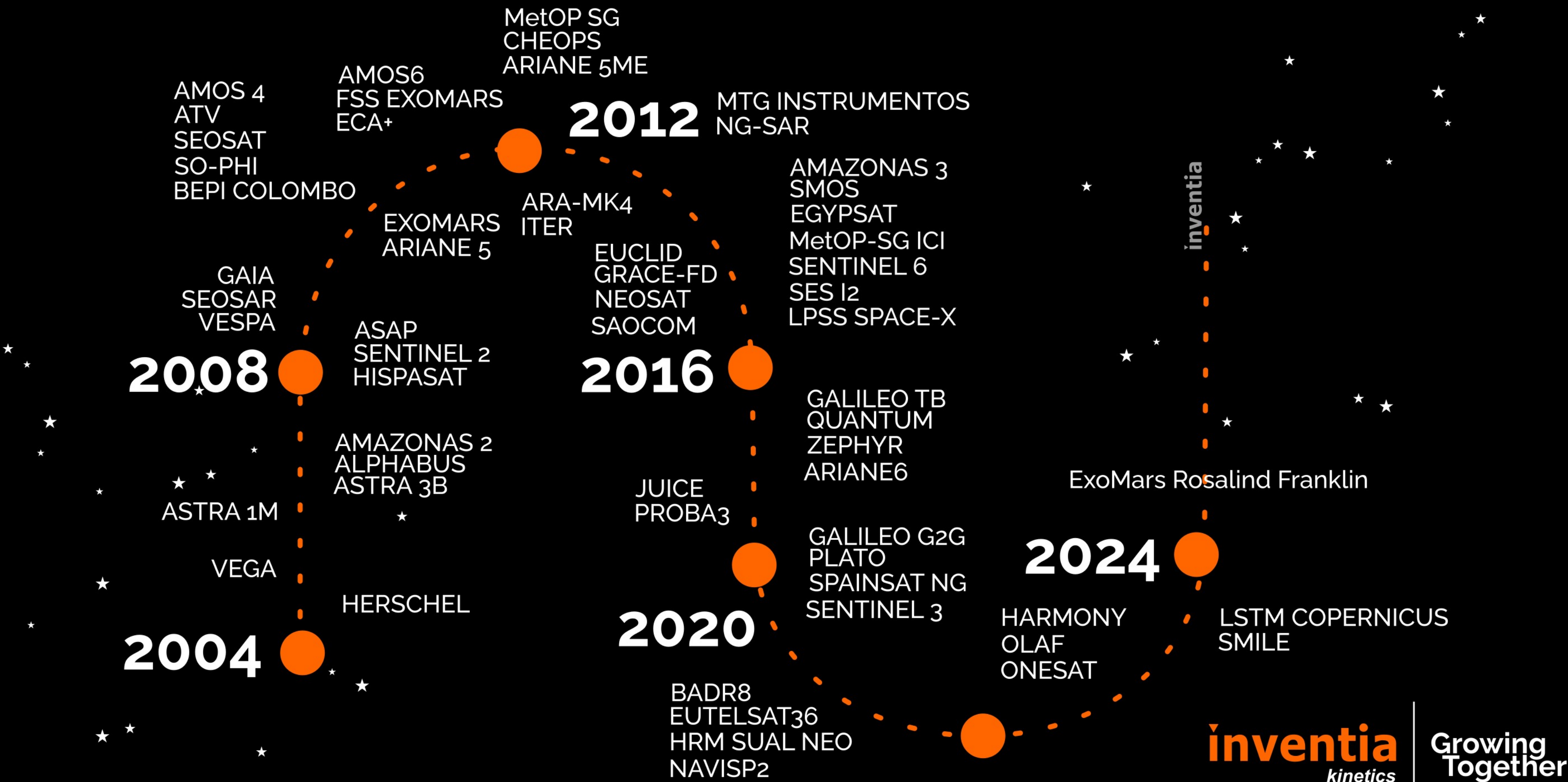
Defence

- Aero, Land, Sea
- APL & SM
- MTO & ASS

Industry

- Big Science
- Energy
- Railway
- Scientific Facilities

Timeline





Structure Subsystems
Platforms and Payload Integration
Mechanism
MGSE
sMAITo (Smart Optimization for High Production Rate)
Automated Pulse Line

Launchers

Engineering and Product Development
Digital Twin and Multiphysic simulations
Thermo-Mechanical and Electrical Design, FEM/CFD Analysis
Metallic/Composite Machining



R&T:
-Fluid Storage with
Thermal Control Integrated
-Machines for curing out of autoclave
(roll-forming and press-forming)

Small Satellites

Advanced Manufacturing
Subsystems Engineering and Platforms Integrator
AIT at Clean Room ISO 8 Class 100.000 300m²



Exploration

Key pillars for growth



*Flexible
Automation R³*

Advanced Manufacturing

*Special Machines
& Pulse Lines*



*High Rate
Flexible Production*

SMAITO

MRO for Space

Background Experience

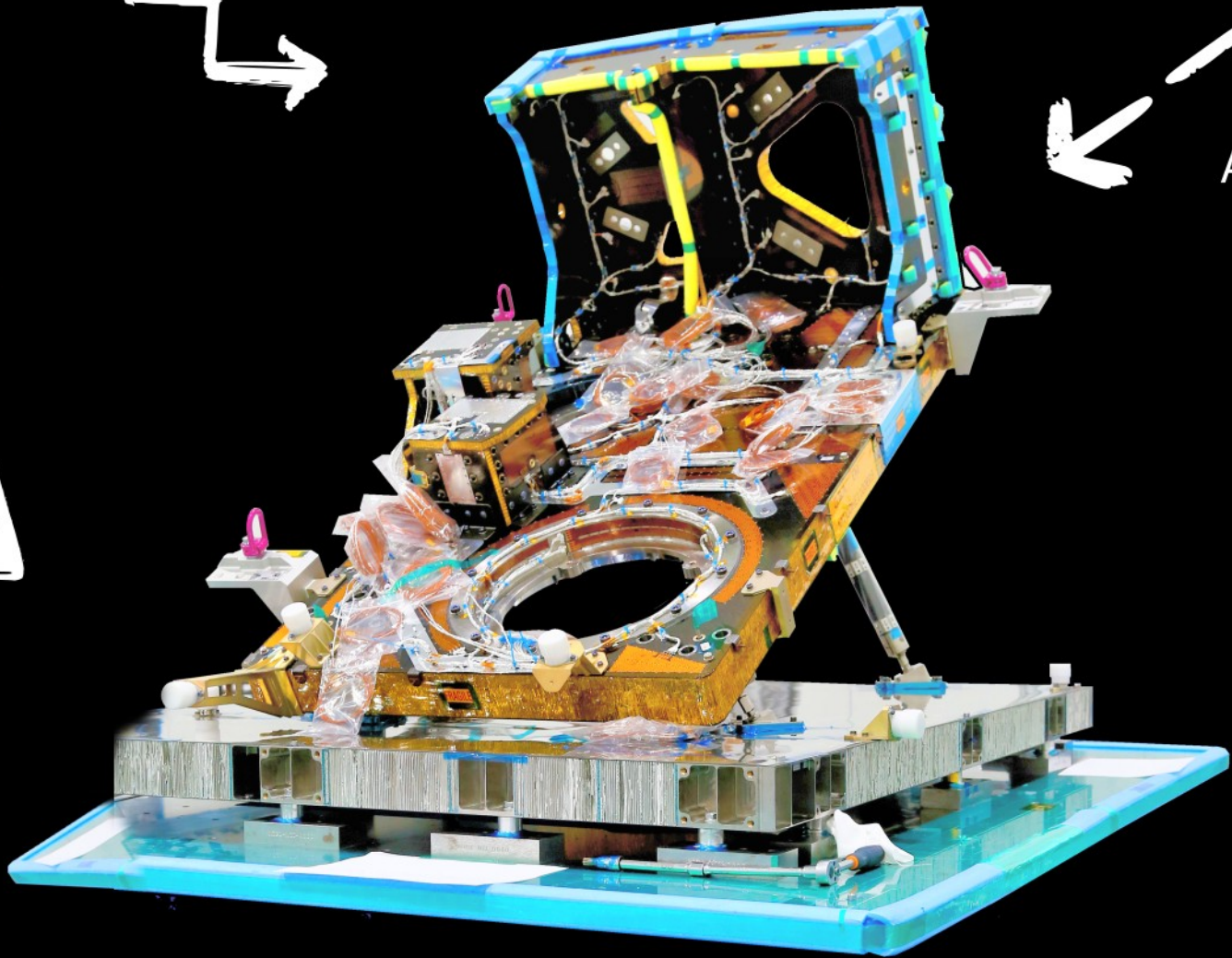


READY FOR ENGINEERING-TO-ORDER

Contract for Fight Wardware

MAKE-TO-ORDER PROJECTS

For all the Space disciplines from engineering phase to launch



MAIT

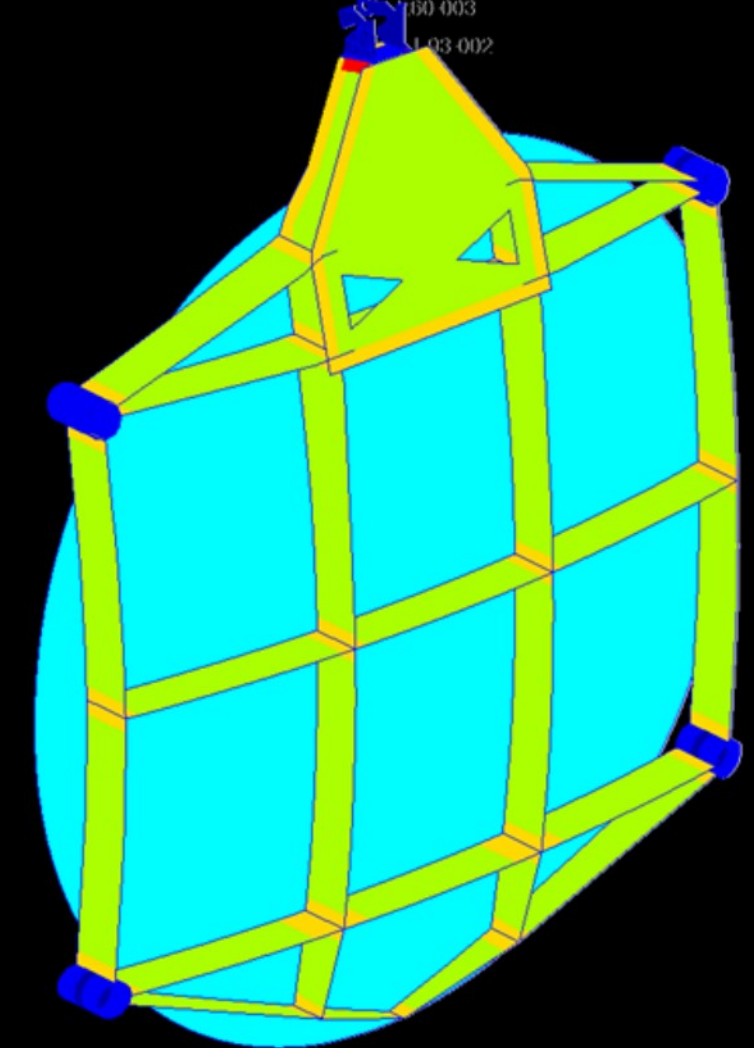
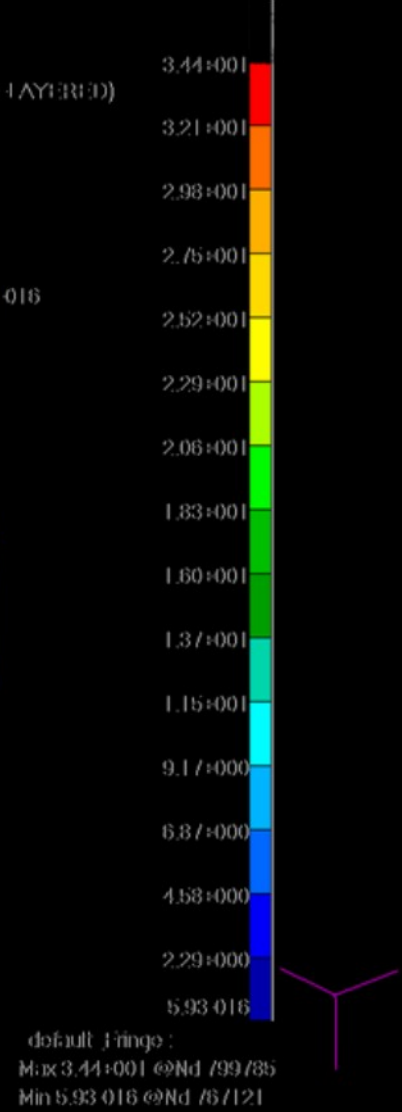
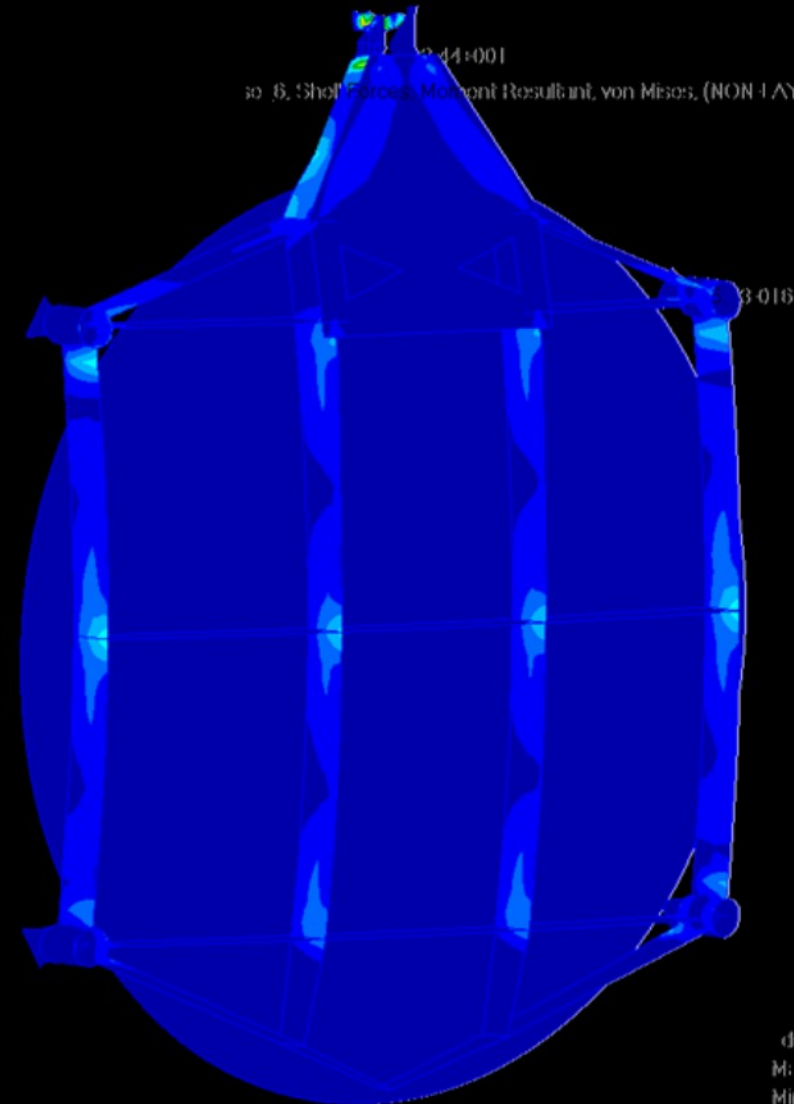
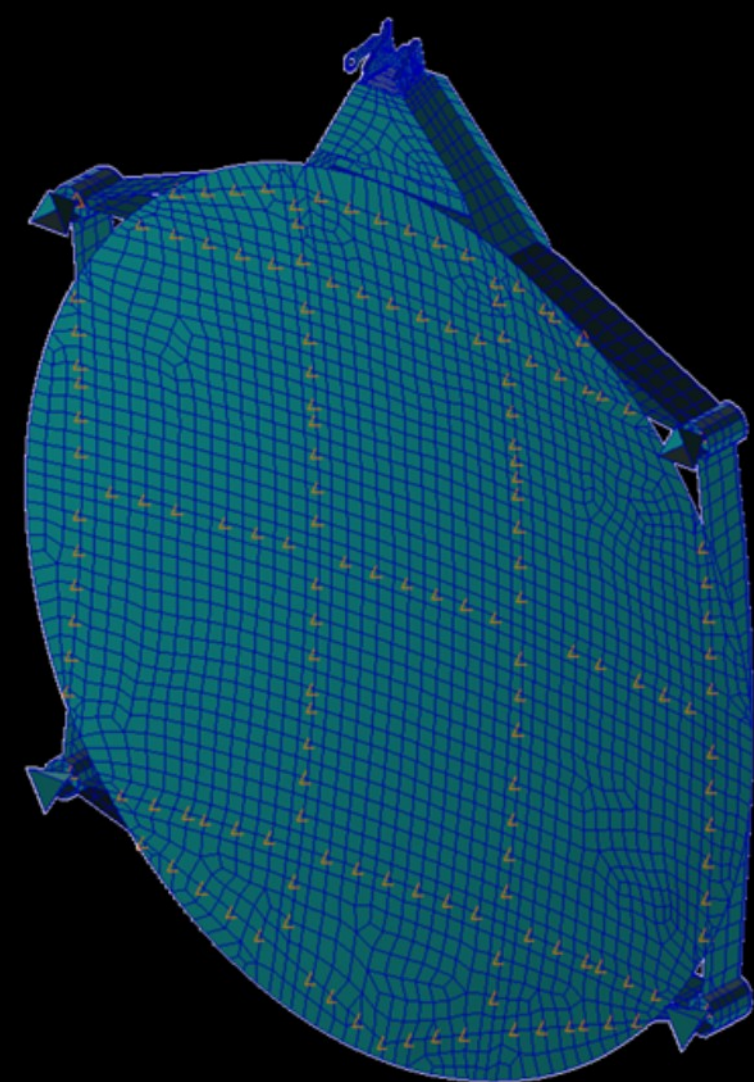
- Manufacturing of flight Hardware
- Assembly of flight Hardware
- Assembly, integration and test in Clean Room
- Laser Track inspection and verification

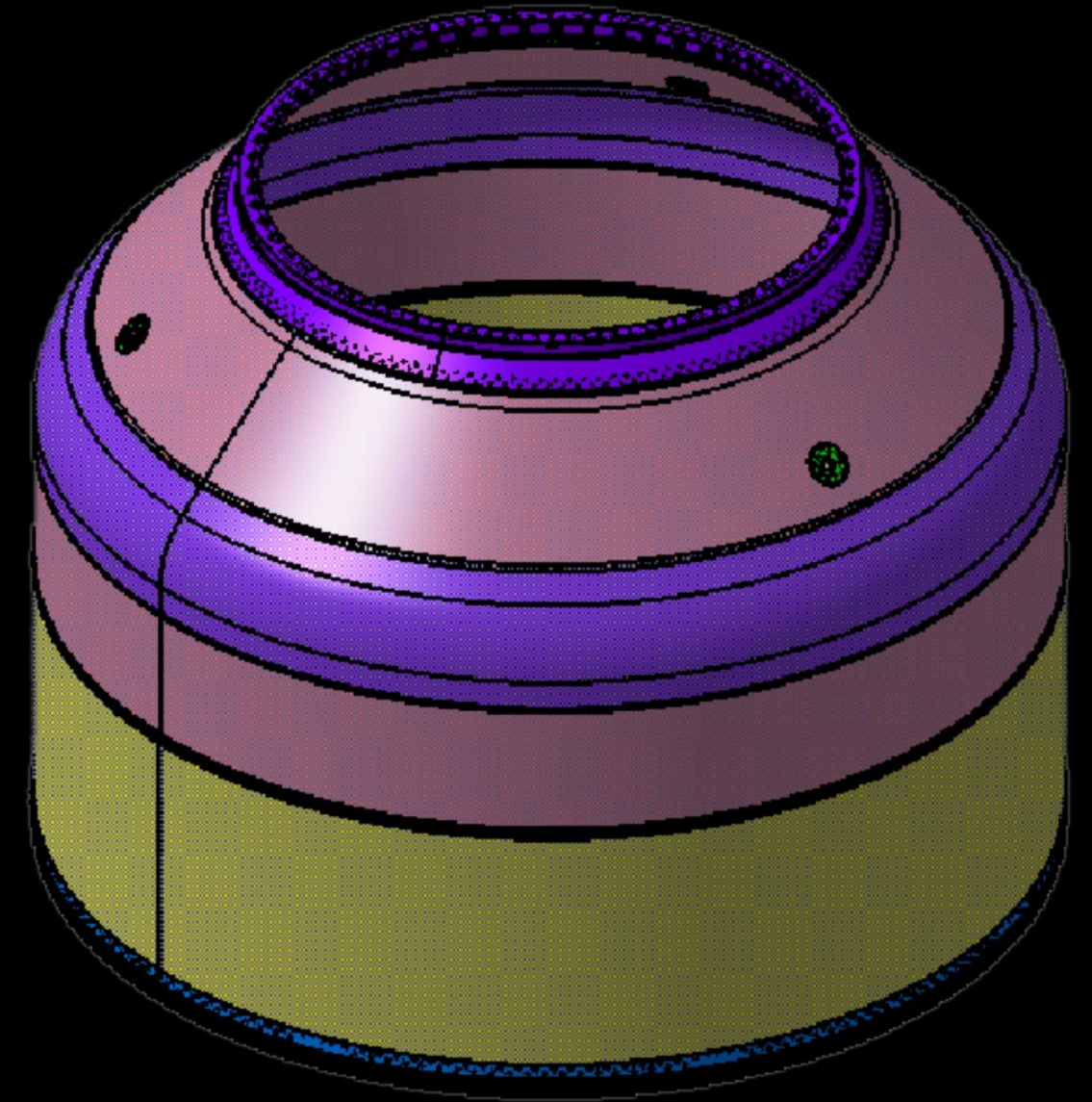
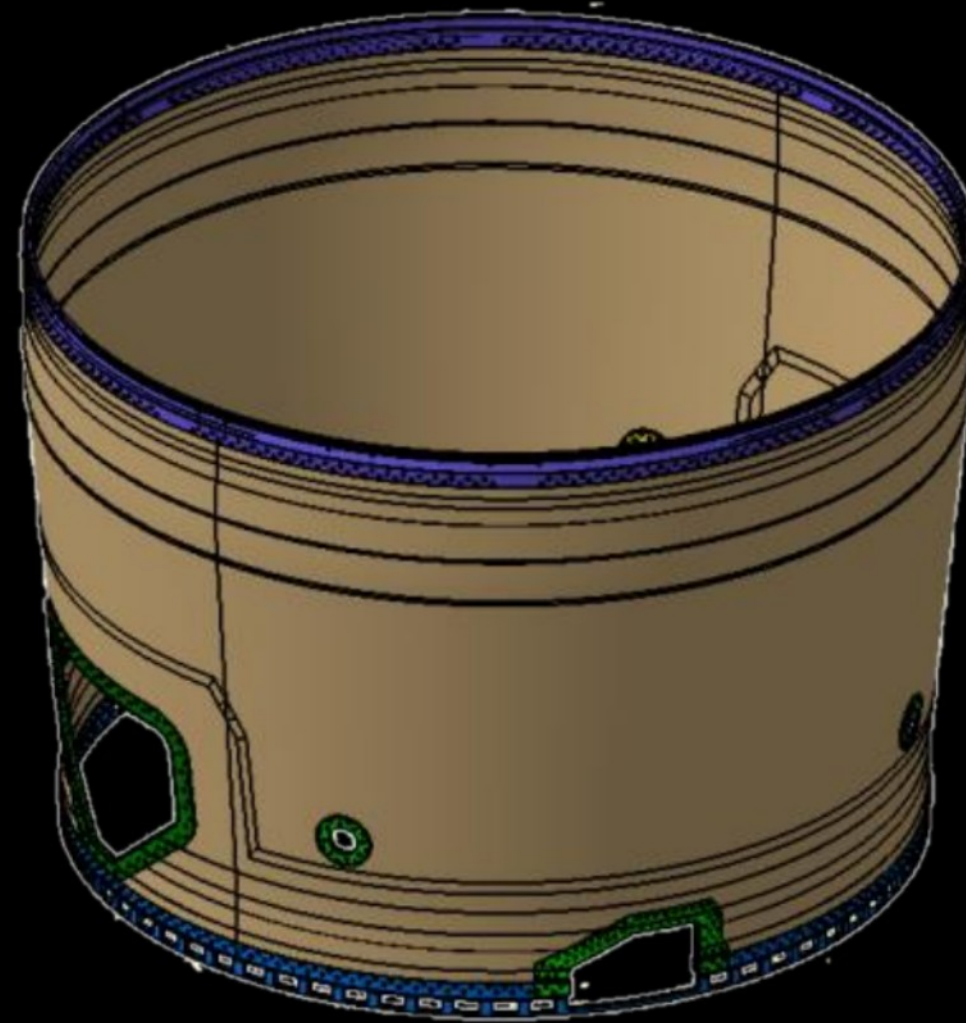
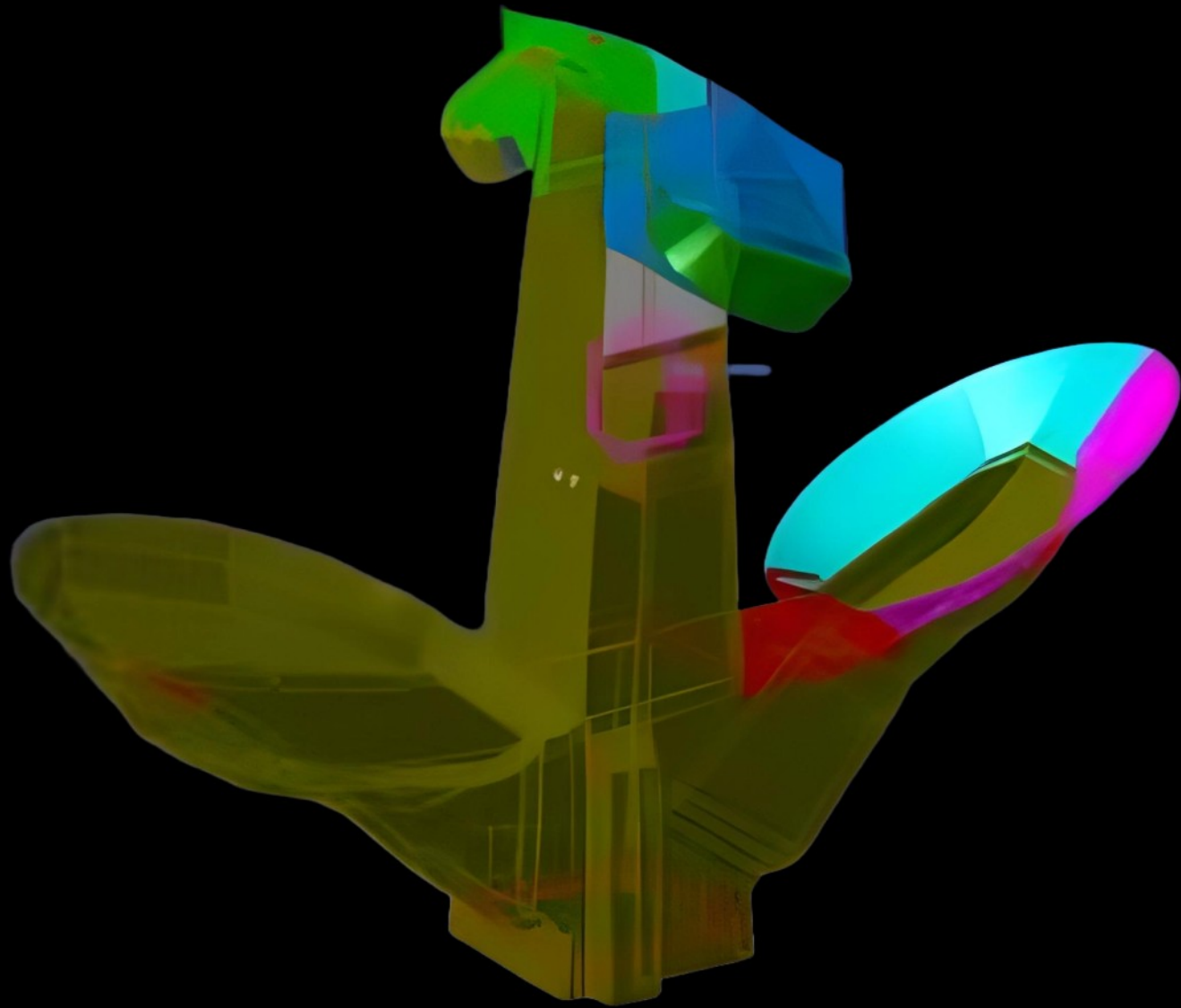
ENGINEERING

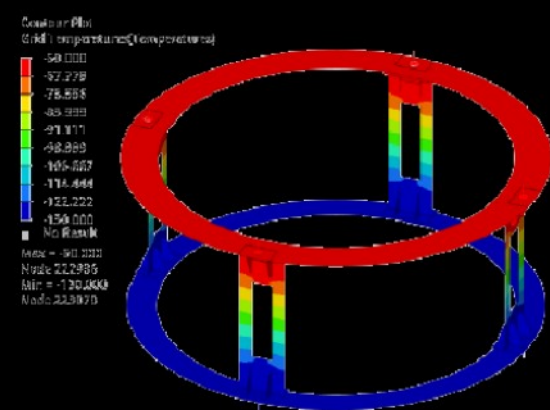
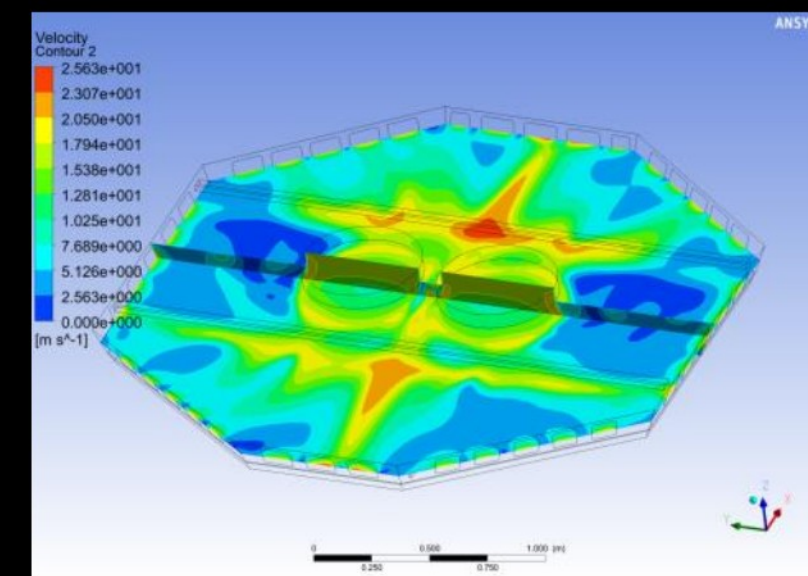
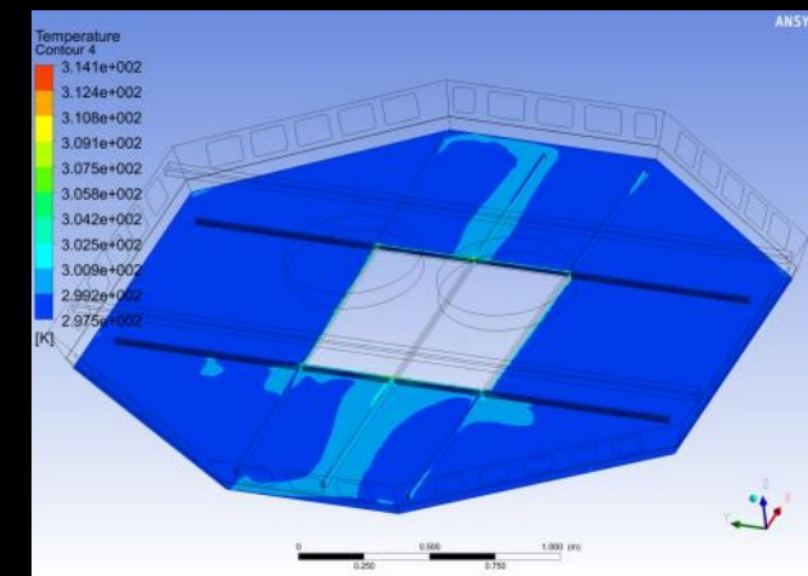
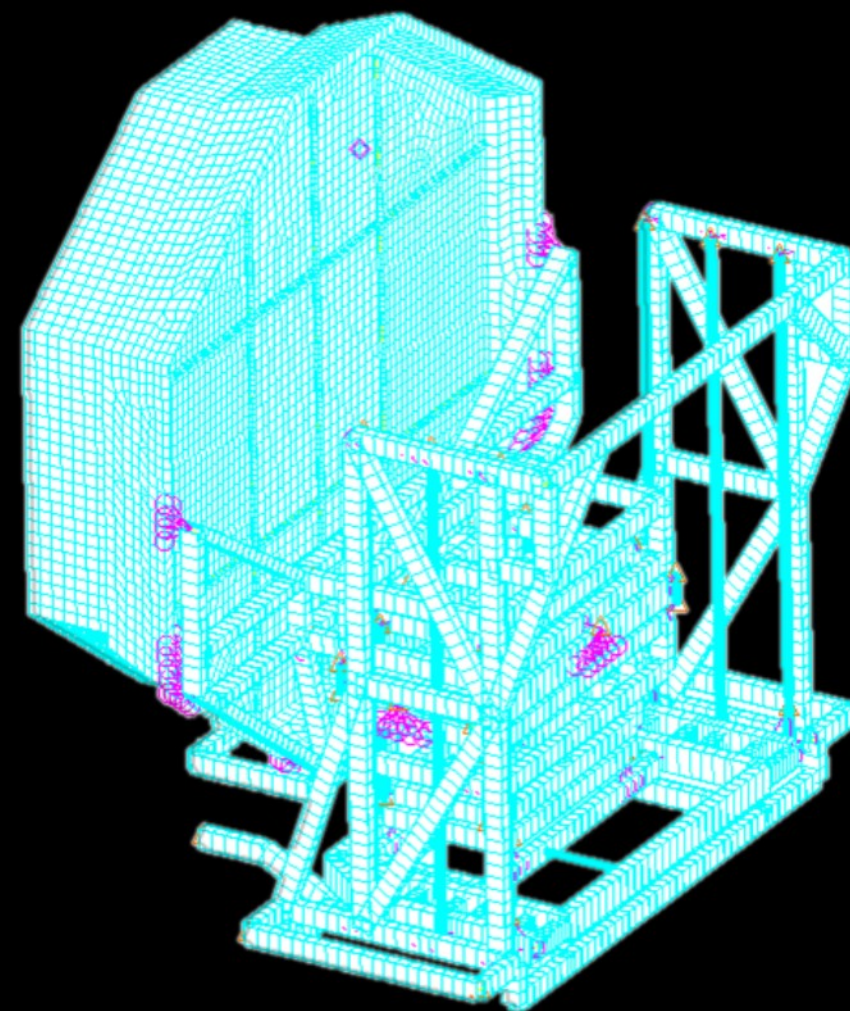
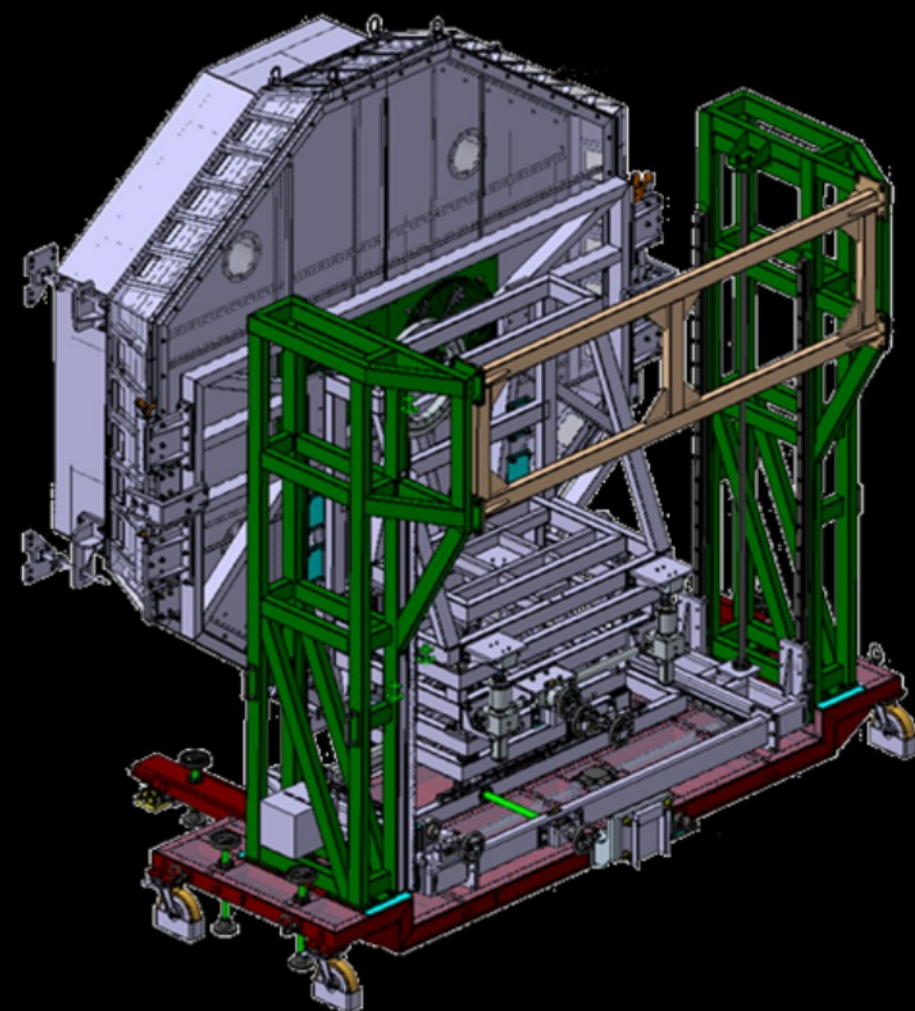
- Design
- Analysis
- Test correlations

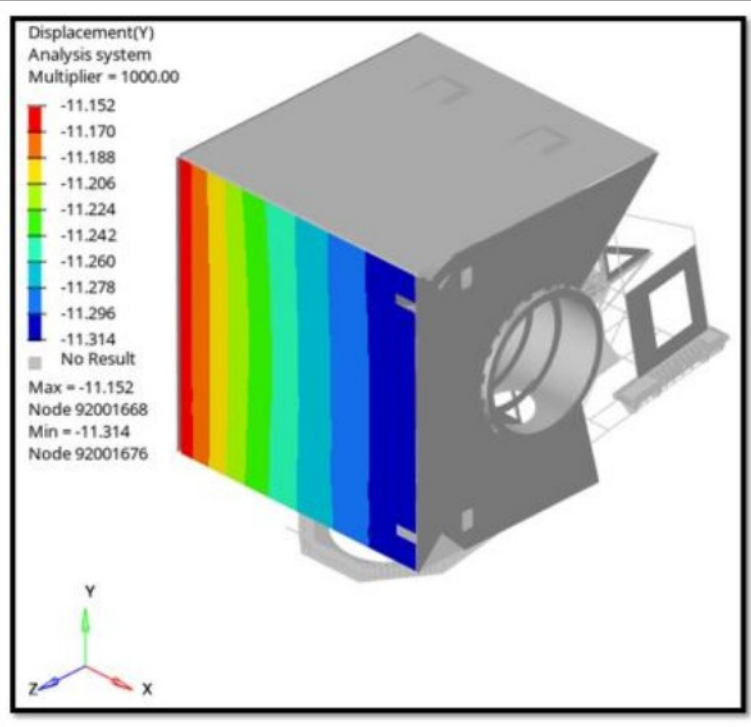
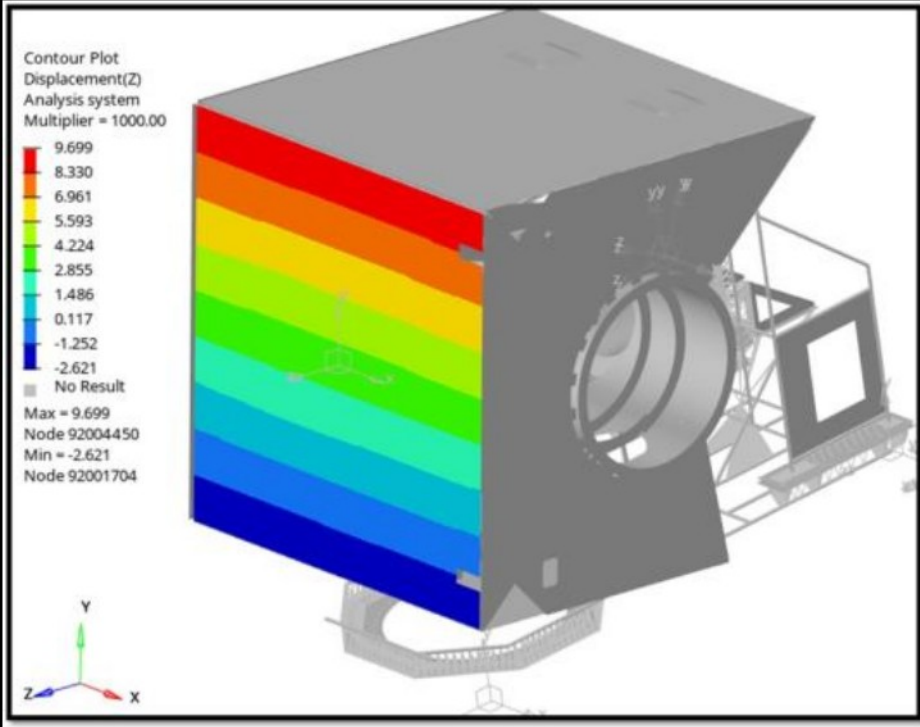
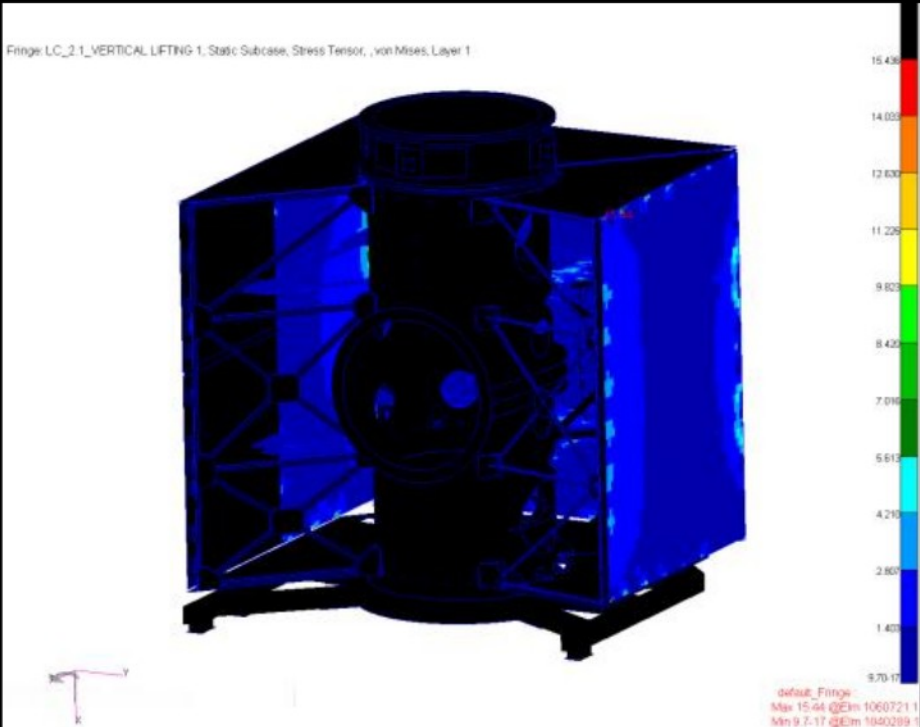
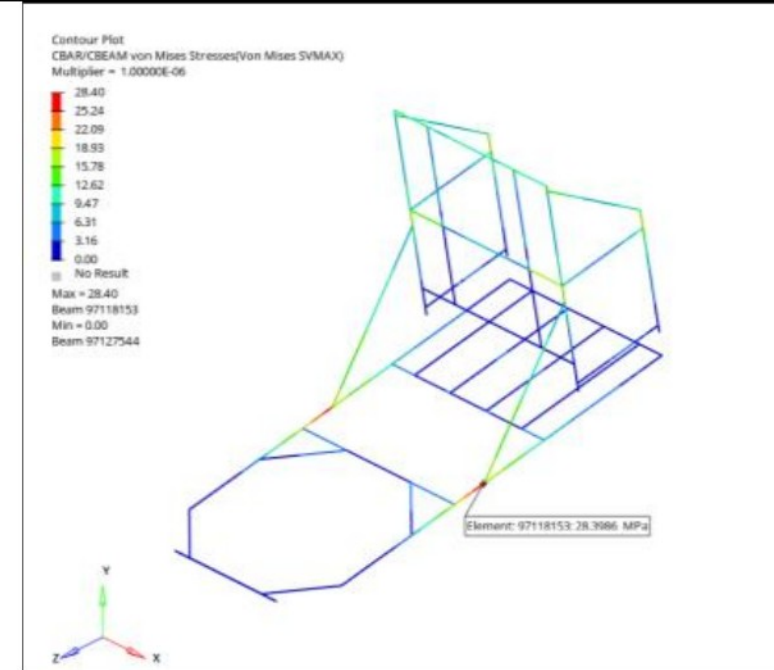
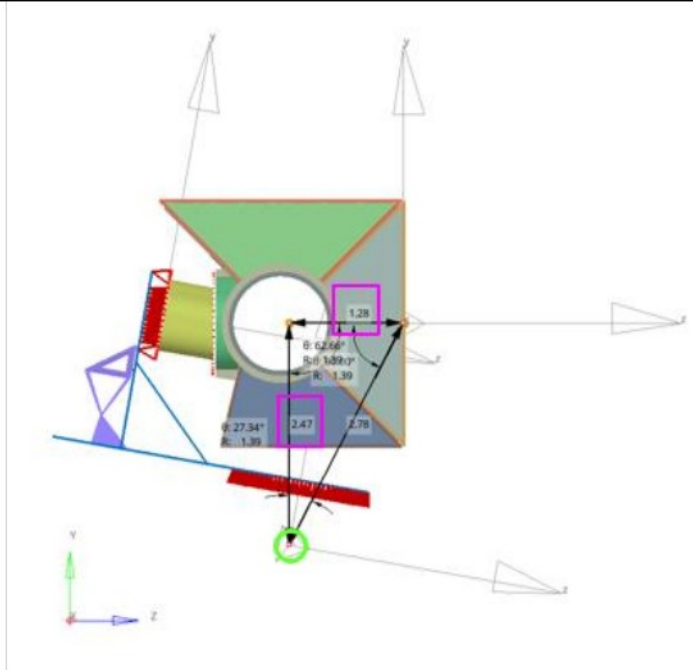
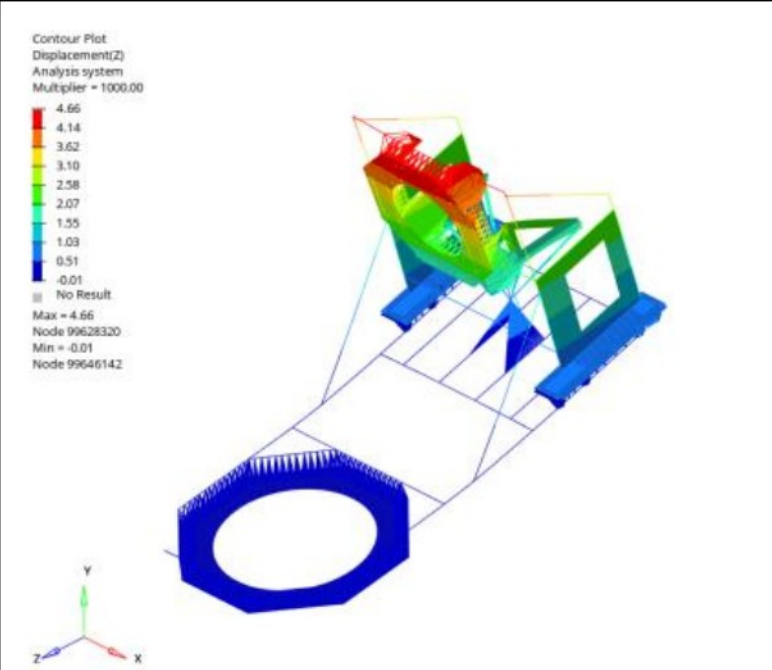
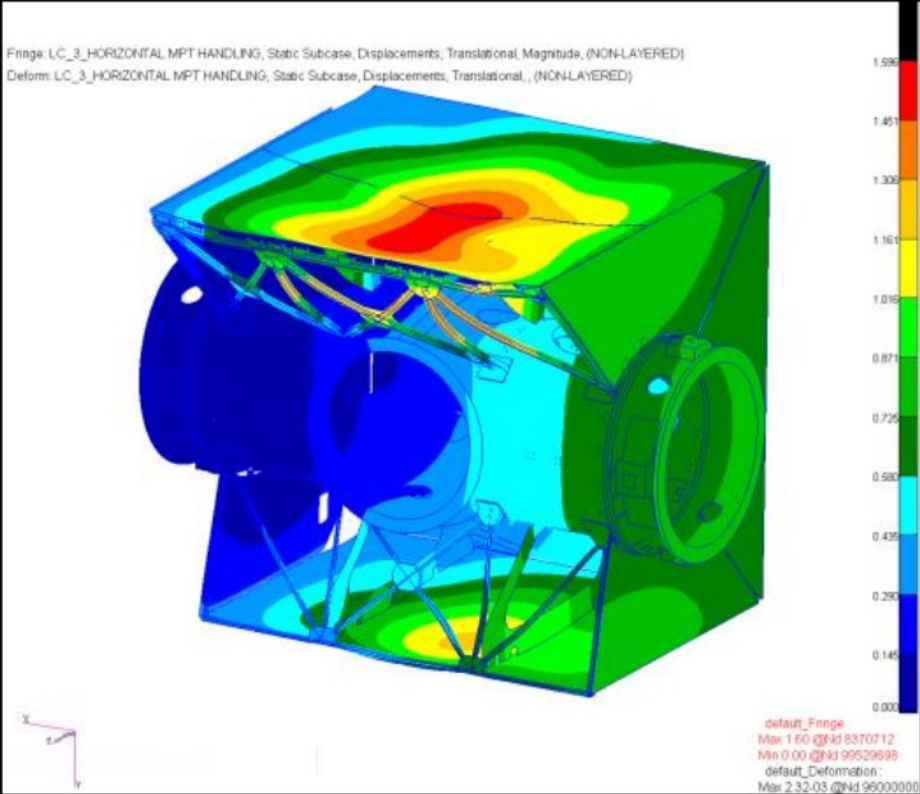


Growing Together

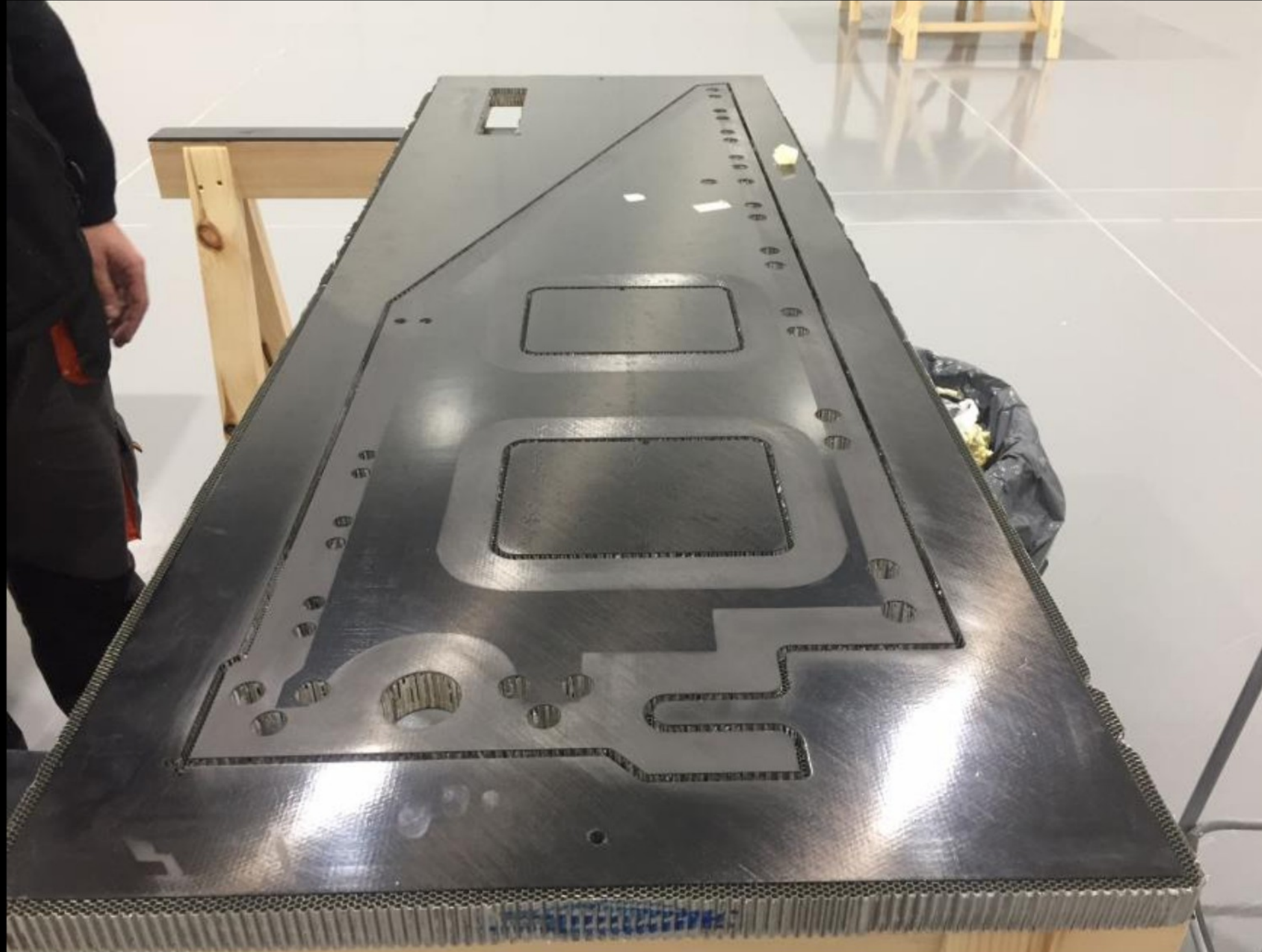








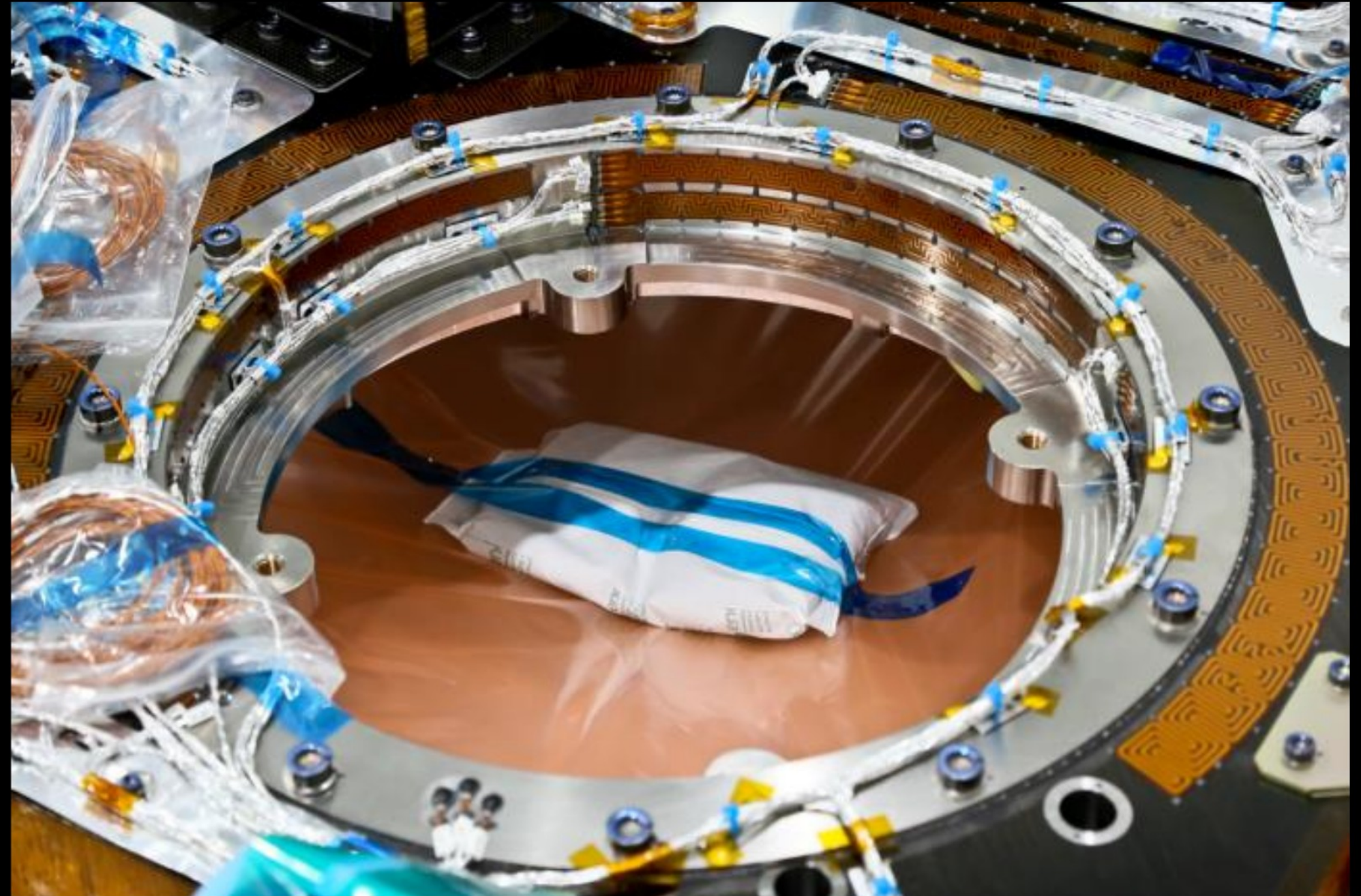
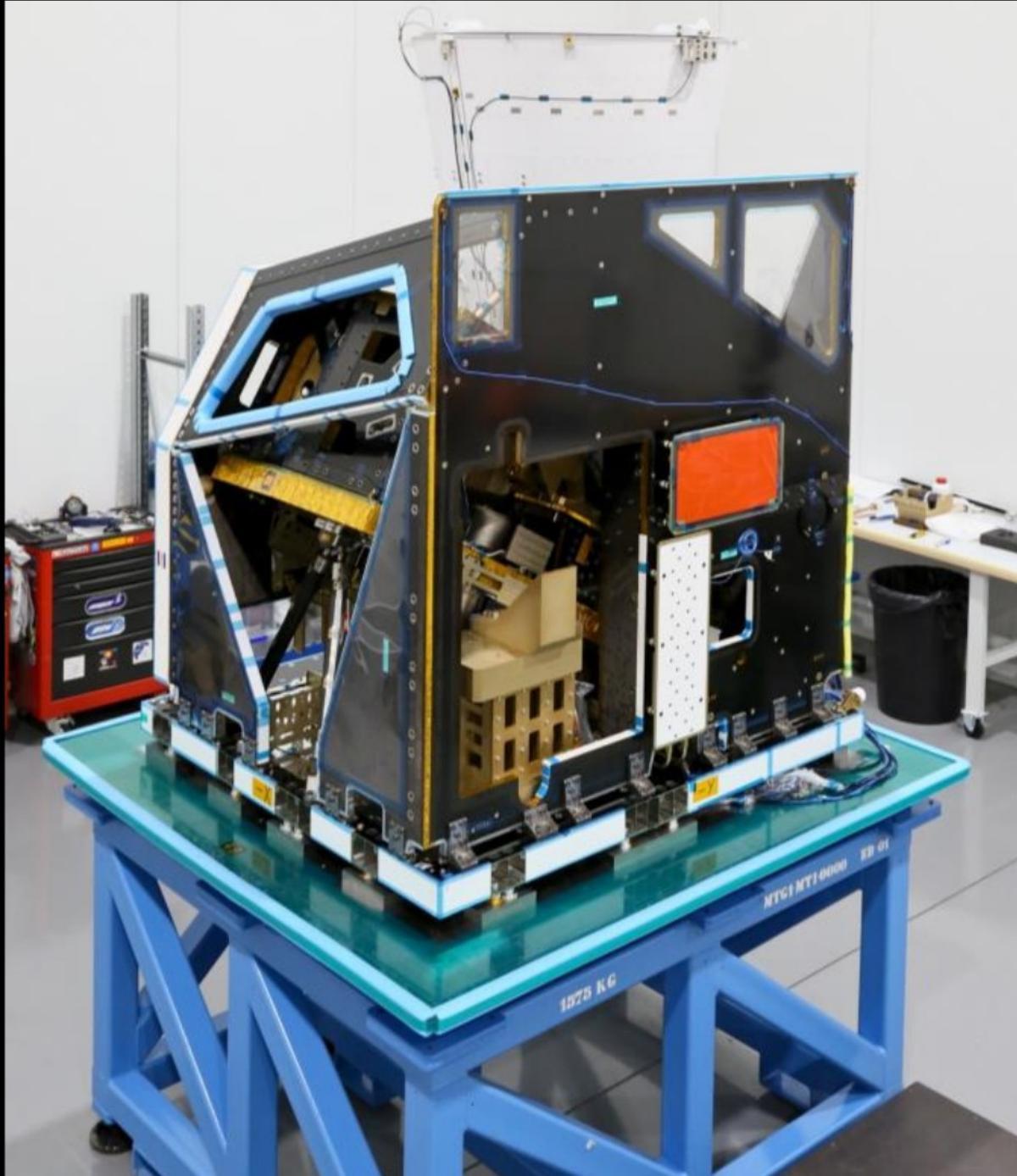
Manufacturing



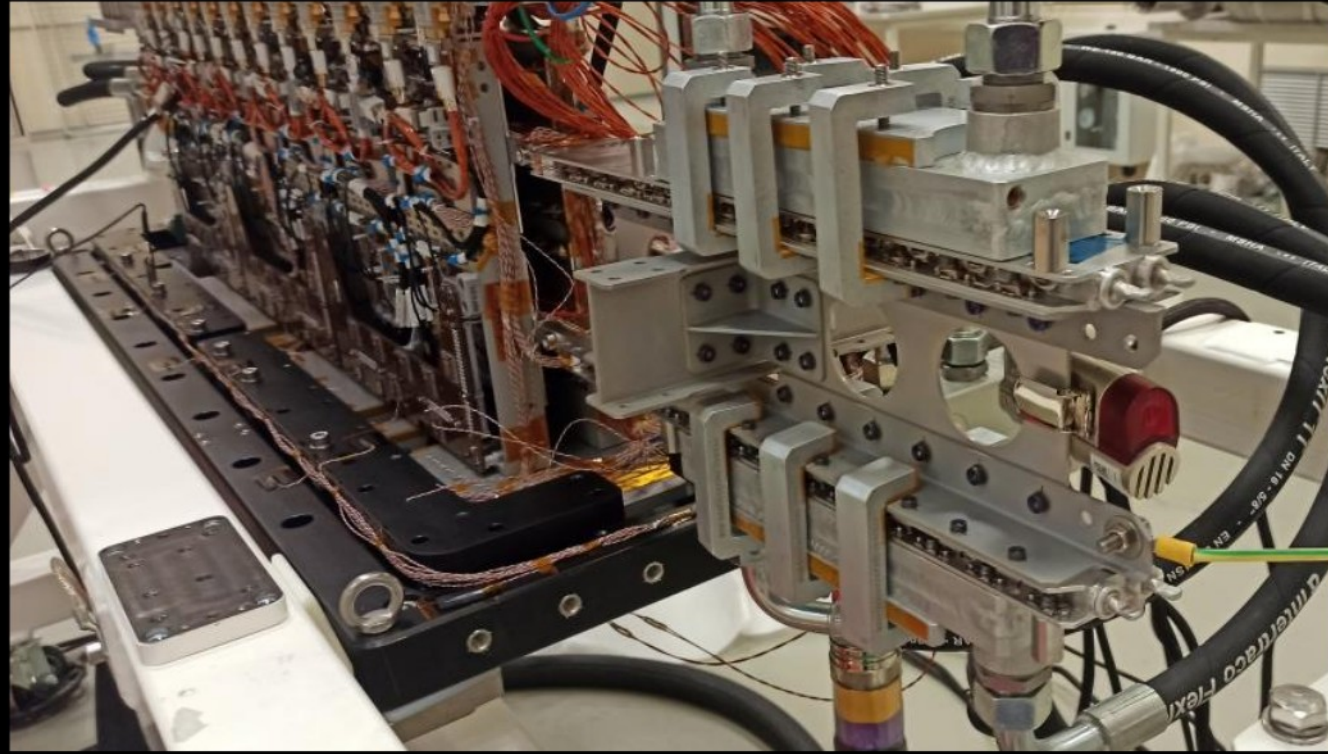
Assembly & Integration



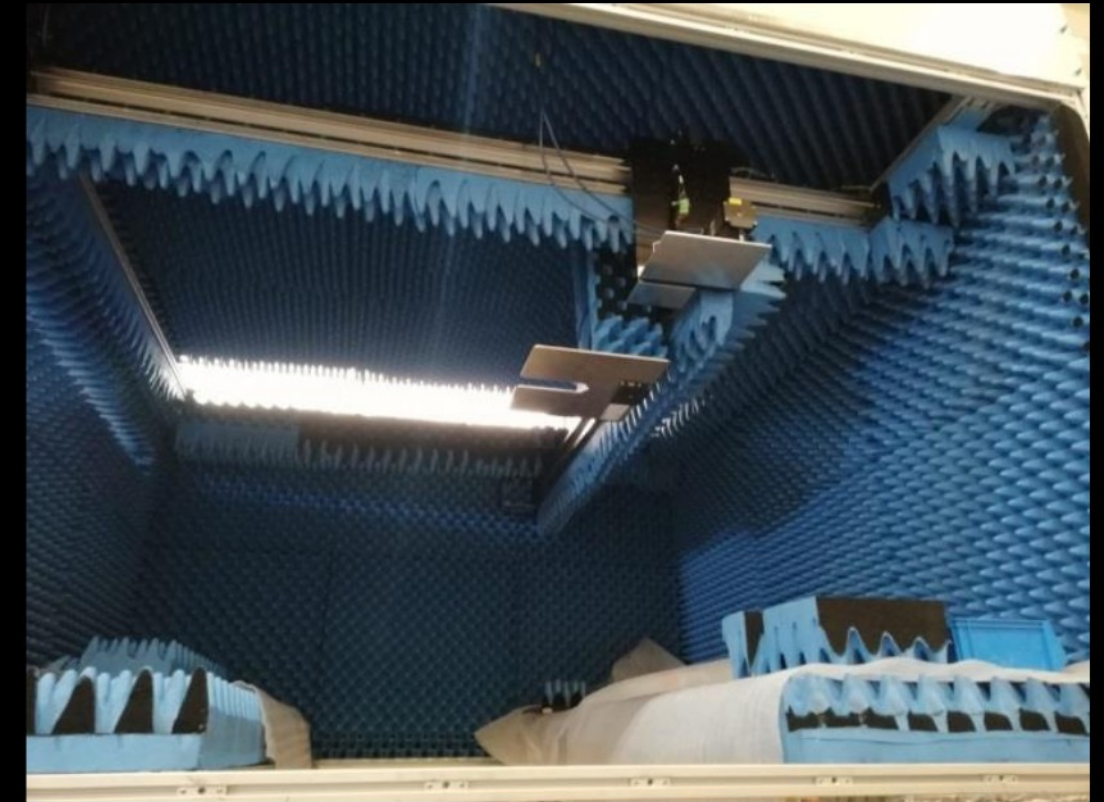
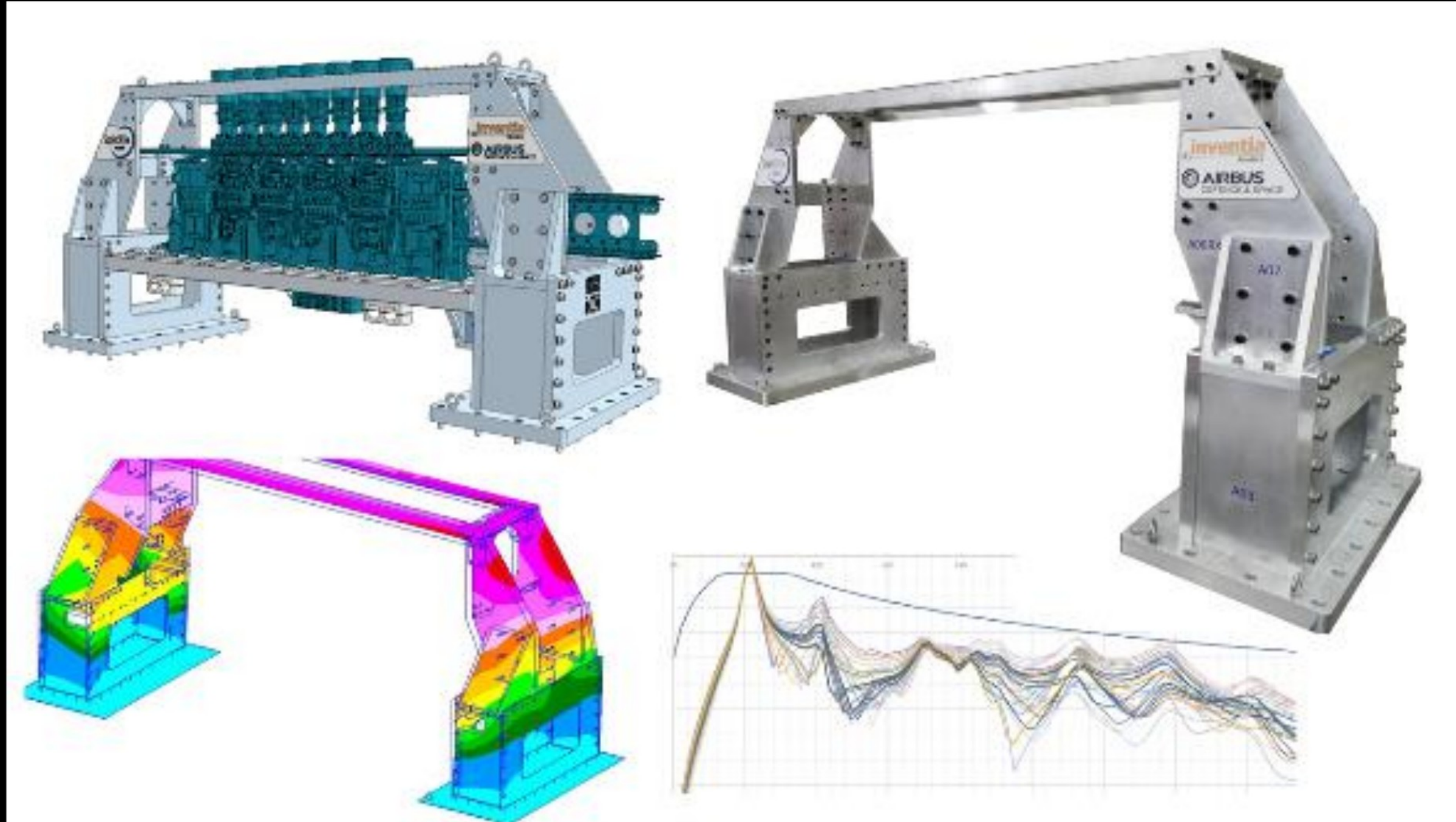
Assembly & Integration



Test



Test



Test



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Automated Industrialization



IKN Space strategy is focused on **industrialization of thermomechanical structures** through efficient and **automated processes**.

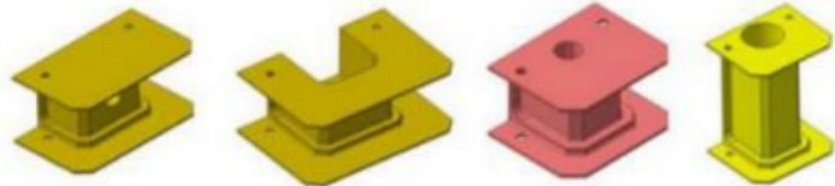
Our strategic initiative **sMAITo (Smart-MAIT-Optimized)** offers an integrated vision oriented to small satellites constellations. This is our main growth vector for the next years.

Objective of participation in space strategic missions and programmes with **partners** to complement expertise and heritage to guarantee successful results.

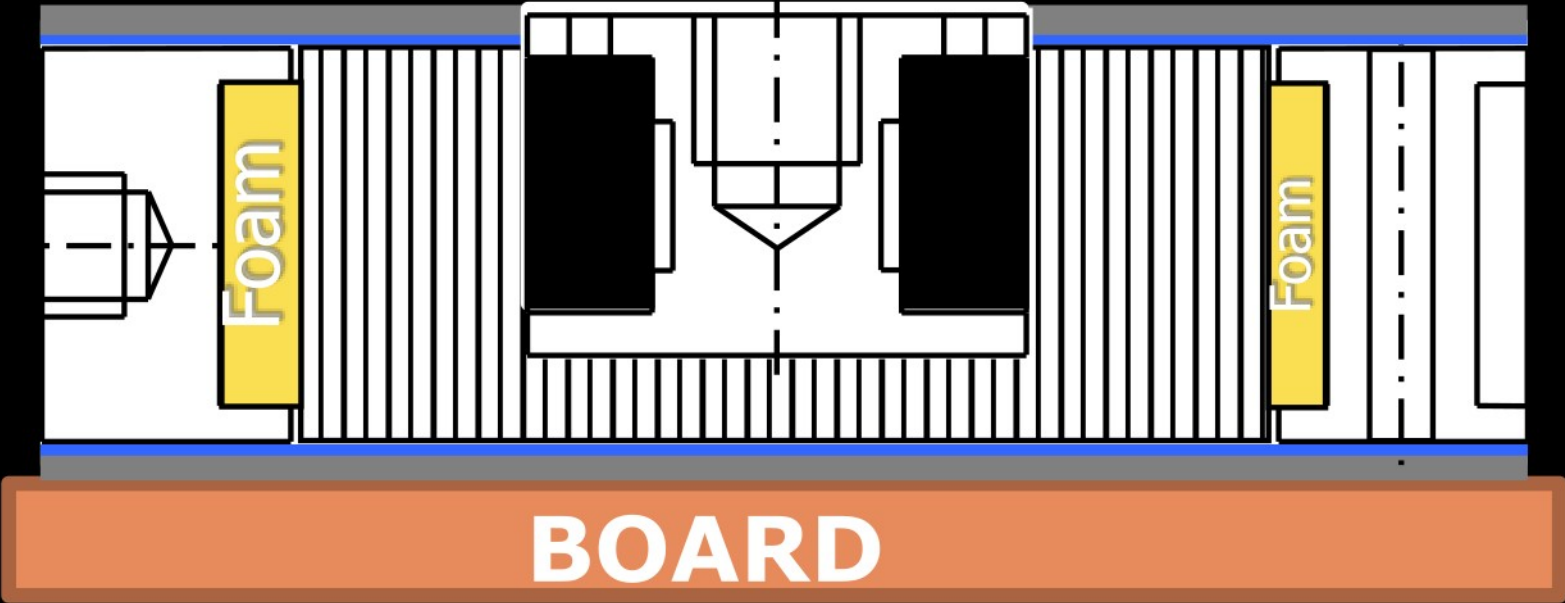
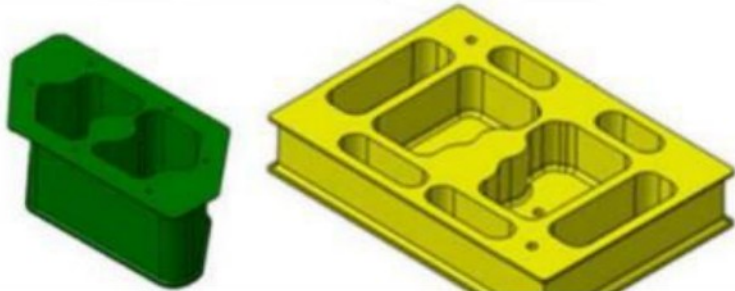




🔧 **Insertos de borde (Edge inserts)**, se colocan en el borde del panel.



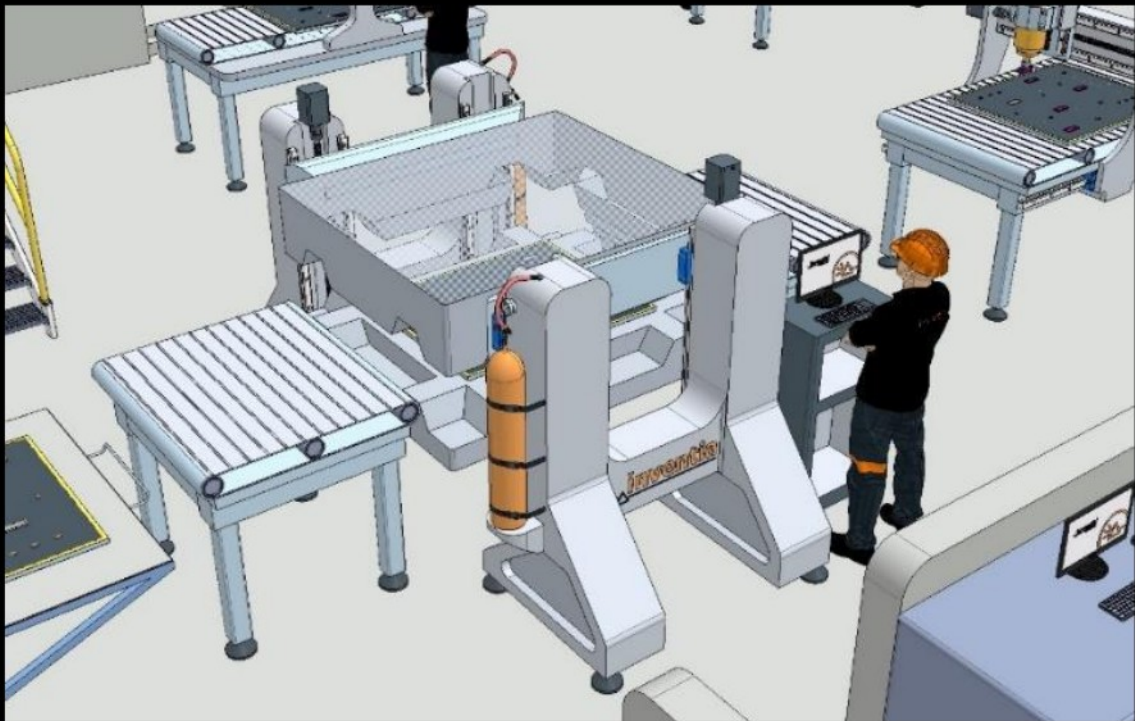
🔧 **Insertos de bloque (Block inserts)**, se colocan en el centro del panel.



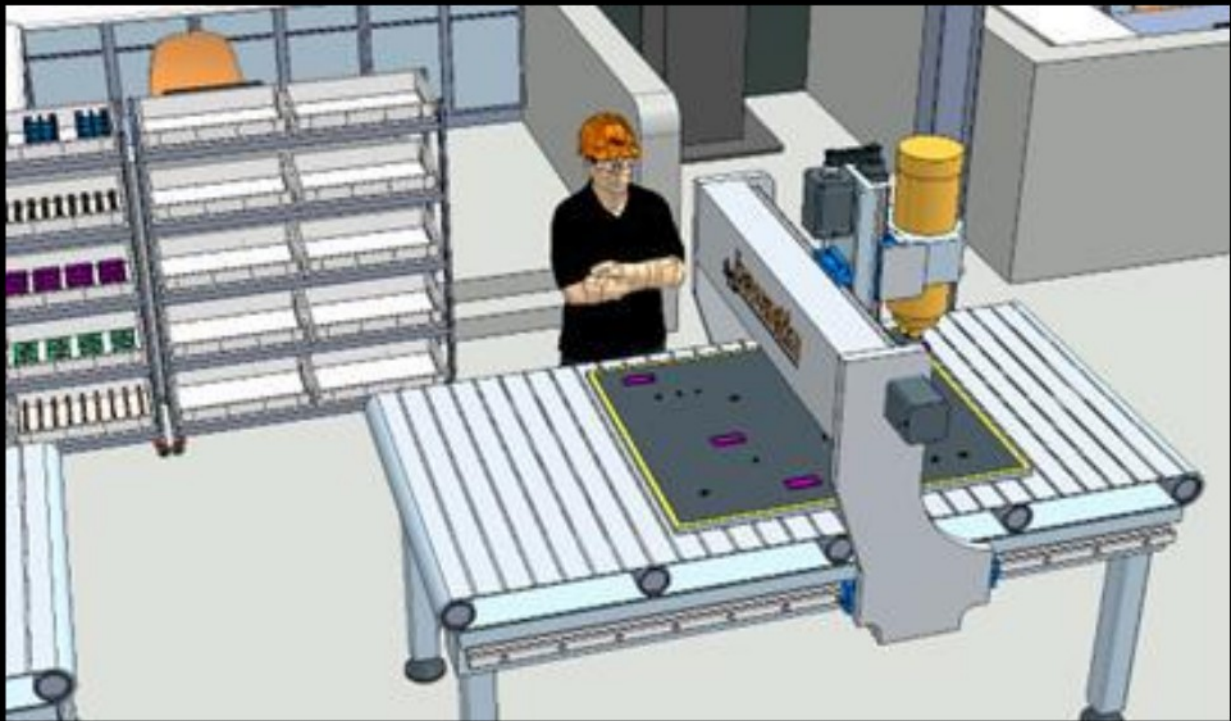
Complete Panel

Integration Inserts

Automated Industrialization



Non Autoclave Curing Machine



Insert Installation Machine



**Insert Installation
and Verification
Machines**



Thanks for your attention

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