

Launchers
Satellites
Balloons
Transversal competencies



Specialist in the development and the manufacturing of aluminum honeycomb sandwich structures. This material brings high mechanical performances, lightweighting, durability, recyclability, and low cost. Due to our unique and patented process, we can shape this material into 3D complex forms - double curvature, instead of 2D shaping from the state of the art.

COMPETENCIES & CAPABILITIES

From design office to production engineering, Halcyon can manage a project from A to Z.

We specialize in engineering, industrialization, machining, honeycomb shaping, incremental forming, tool design and production. Our 2,000 m² workshop enables us to work on large-scale parts.



HALCYON

PRODUCTS & SERVICES

We design and produce structures such as cryogenic tanks, skirts, payload adapters, kick stage, fairings and satellite structures.

From specification to the final product, our dedicated team can handle each step of the development alongside our customers: specification analysis, CAD design, FEM calculations, tooling design and production, prototyping, qualification tests, batch production.

MAJOR SPACE PROJECTS & REFERENCES

Payload adapter – CNES

Interstage structure – MAIASPACE

Spacecraft – MAIASPACE

Cryogenic tanks – LATITUDE

Fairing – SIRIUS

Satellite Structure - THALES

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TURNOVER 1,2 M€

WORK FORCE 12 employees

SPACE TURNOVER 0,6 M€