

compoXI

Leading Carbon Tech

A Reliable Partner for Advanced Space Structures

 Composites for Space

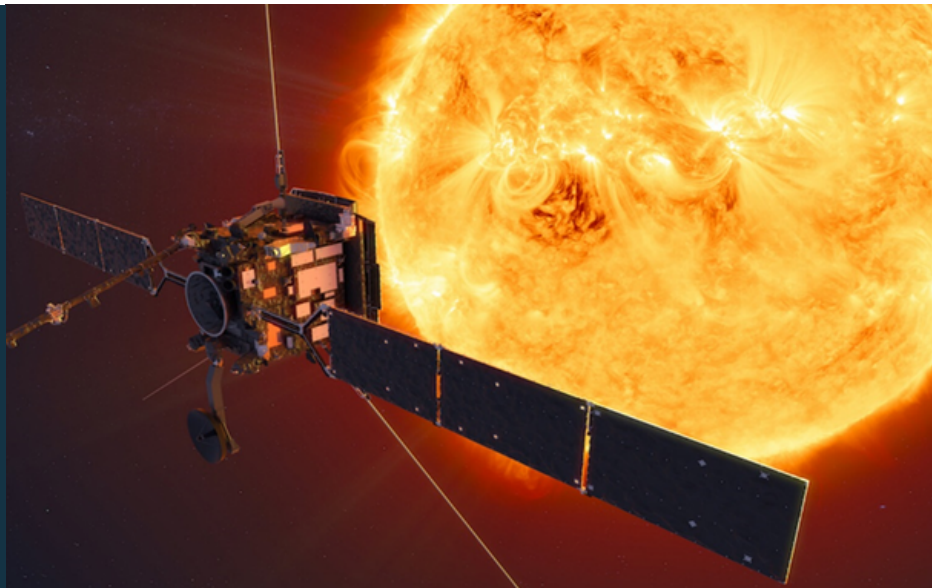
Subject Matter Experts in Advanced Composite Structures for Space

Compoxi's strong know-how and heritage:

Compoxi has been participating in many missions along the last decade, such as **SORA**, **Exomars**, or the **Rashid Lunar Rover**, developing and supplying advanced composite structures for a wide range of systems.

Compoxi has also moved with the market and develop a key presence in the **NewSpace** economy, producing challenging composite structural elements for constellations in LEO, GEO and Beyond at a competitive cost.

**Bespoke
solutions for
your mission**



MAIN HIGHLIGHTS:

- 1 850+ Products in orbit.
- 2 Worldwide customer based.
- 3 Products heading towards the Sun (Solar Orbiter) and the Moon (Rashid Rover).



A comprehensive portfolio of space hardware elements:

SMALL SATELLITES (Substrates for Solar Panels, Structures), **LAUNCHERS** (Fairings, wiring tunnels, internal structures, boattails), **TELECOMMUNICATIONS** (Antennas, Radomes), **CUBESATS** (>6U Frames), **DEPLOYERS** (Structure), **STRUCTURES** (Optical Payloads, Rovers, Landers).



Composite materials can offer a plus to your mission

Structural elements

Radiotransparency

Ultrastable structures

Flexible elements

Integration & Assembly

Monolithic and sandwich structures, walls, solar panel substrates

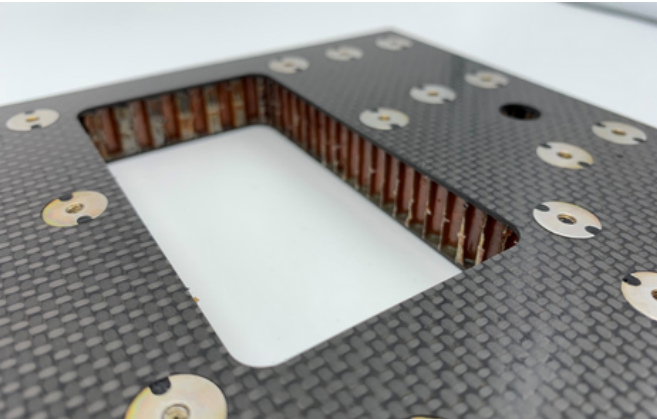
Radomes & Reflectors

Optical payload structures

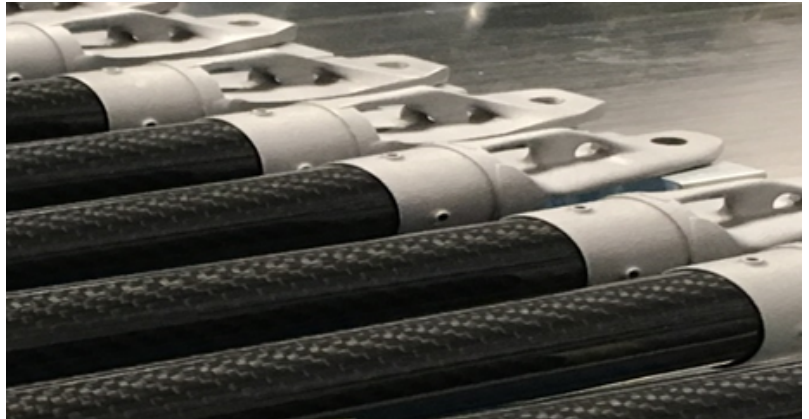
Deployable booms and masts

Integration of metallic elements (Inserts, hinges, etc...)

We offer **turnkey** product development or join you in specific steps



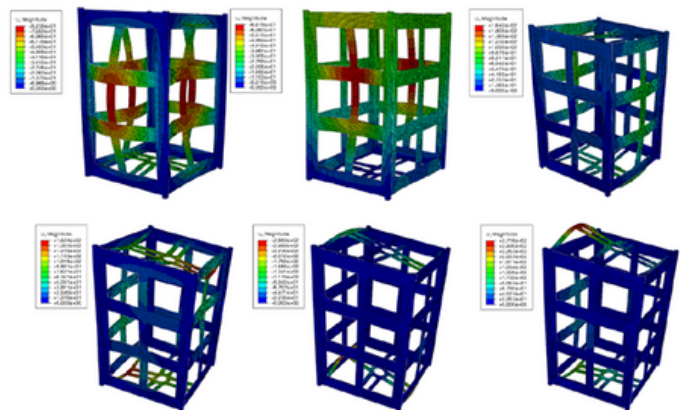
Honeycomb structure with CFRP & Aluminium skins, Nomex & Aluminium cores



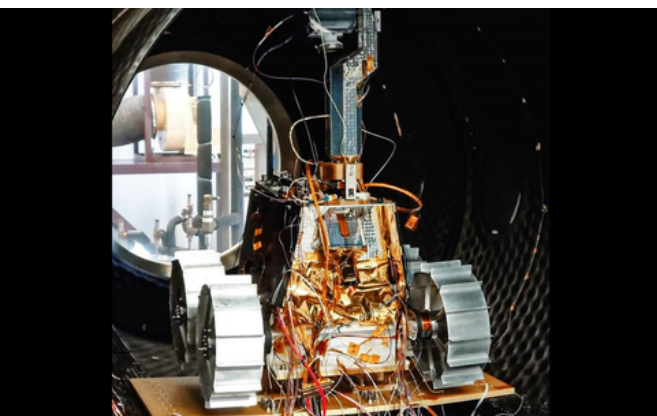
Hybrid Metallic-CFRP Struts



CFRP Antennas cones and other RF Elements



Sizing and qualification of structural elements



*Rashid Rover Chassis
(Picture courtesy of MBRSC)*



Monolithic Structural Elements

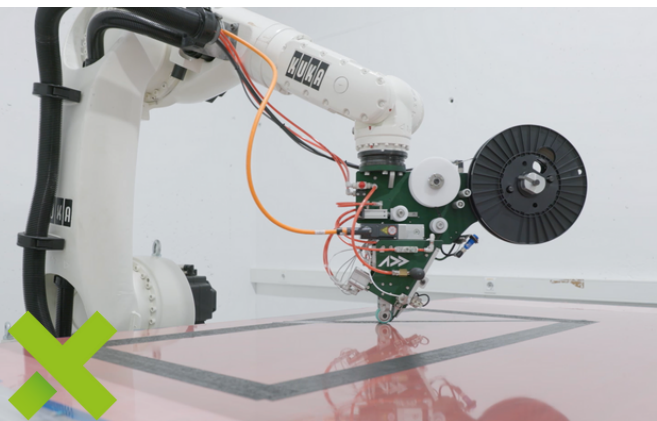
State-of-the-art machinery to achieve the best-quality results



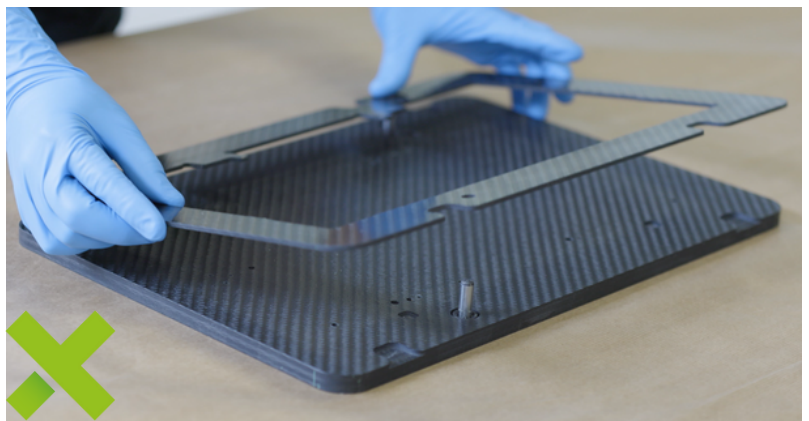
Autoclave Consolidation



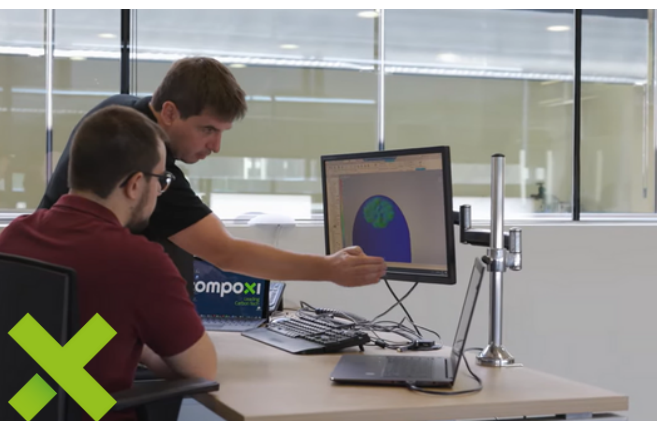
ISO-8 Clean Room



Automated Fiber Placement



Assembly and Integration



Design, Sizing and Process Engineering



High Precision Milling



Automated Measurement System

compoxi



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