

ENABLING THE OPPORTUNITIES SPACE HAS TO OFFER



A-SPAX (AFFORDABLE SPACE ACCESS B.V.)



“A-SpaX facilitates in-space manufacturing of ultra-high quality products e.g. optical fibers”

About us

A-SpaX helps customers who want to manufacture ultra-high quality products in space (e.g. micro-gravity and vacuum). We primarily assist high-power industries, especially optical fiber production, while also accommodating life science customers. We help customers with our Free-flying Lab or our Climate Box (lab) installed on other platforms such as commercial space stations, in which they can place their production machine. Providing all necessary conditions and interface requirements for the production machine or experiment module. We provide in-space manufacturing as a service with the help of a lot of partners. Including technical brokers that can help with the development of your machine for in-space production.

Solutions

Some products can only be achieved in space. The challenge lies in establishing suitable production conditions and ensuring viable production infrastructure in space with a focus on frequency and affordability. Our solution: in-space manufacturing as a service; providing production capabilities with our Climate Box (lab) aboard commercial space stations and our autonomous Free-flying Lab. This would then encompass an end-to-end service from launch up to return and delivery of the product.

Company highlights

- Preliminary design Climate Box (lab) and Free-flying Lab (Re-entry Capsule Facility) completed.
- Validated customer interest with 4 LOI's/MoU
- MoU Key sub-system provider – Heatshield
- Collaborative mission planning with partners and customers ongoing for our first mission in 2026
- Winning the 23/24' TU Delft Aerospace Innovation Hub Voucher

Company facts

- Core team established in 2023
- Office in Delft at the Aerospace Innovation Hub
- Providing in-space manufacturing as a service together with over 20 partners and suppliers
- Experienced advisory board (+20y both)



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