

Space planes  
Transversal competencies



Spirit Technologies, a specialist in mechanical engineering, designs and integrates **complex high added-value mechanical assemblies** in the aerospace, energy and industrial (specific) fields.

The values of Spirit Technologies are based on **20 years' experience in industry**. A concern for work well done, together with the notion of service and human values, are in the company's DNA.

## COMPETENCIES & CAPABILITIES

Spirit Technologies took the decision to create an industrial grouping bringing together all production capacities to ensure full compliance with customer requirements. The objective is to retain control of the entire process, coupled with a global vision of the project.

An industrial model based on long-proven expertise in engineering and manufacturing means we can deliver solutions that perfectly match the specific needs of our customers, from the feasibility study to the commissioning.

- Design, definition & mechanical analyses
- Manufacturing
- Qualification & certification checks
- Control & monitoring & MMI



# SPIRIT TECHNOLOGIES

## PRODUCTS & SERVICES

Spirit Technologies aims to expand its scope of activities to build skills and create added value within the company. To do this, in 2021, we will build an integration hall, also equipped with an ISO 5 clean room to produce sensitive equipment.

SPIRIT TECHNOLOGIES aims to become a major player in the development and production of industrial resources in the fields of aeronautics and aerospace.

Spirit Industries, is the manufacturing entity of Spirit Technologies which brings together:

- Precision machining
- Boilerwork
- Electrical realization & automation

## MAJOR SPACE PROJECTS & REFERENCES

### THALES ALENIA SPACE

- NEOSAT: CATR, Clamp Band, Hoisting device, Vibration frame
- CO2M: All MGSE AIT (In progress)

### OHB

- MTG: IRS ambient test frame
- PLATO: MGSE AIT (Vibration fixture)

### THALES UK

- FLEX: Clamp band

**CLAMP BAND (SPIRIT TECHNOLOGIES PRODUCT):** The clamp band is used for holding the spacecraft by its launcher interface during handling, vibration and thermal tests. Different dimensions are developed (for S/C Ø940, Ø1200, Ø1600).

## POINT OF CONTACT

**ADDRESS** 1, avenue du centre  
06150 CANNES France

**WEBSITE** [www.https://spirit-technologies.fr](https://spirit-technologies.fr)

**PHONE** +33 (0)4 93 49 13 29

**POINT-OF-CONTACT** : Ripert Hugues, CEO, [hugues.ripert@spirit-technologies.fr](mailto:hugues.ripert@spirit-technologies.fr)  
+33 (0)6 14 32 91 92

**TURNOVER** 2.7 M€

**WORK FORCE** 20

**SPACE TURNOVER** 1.5 M€

**SPACE WORK FORCE** 12