



Combining performance and lightness



# We combine large dimension and excellence while reducing the mass of embedded structures.

CNIM Systèmes Industriels (CSI) supports space and new space players in the development of new solutions. In the field of launchers, satellites and new spacecraft, CSI has been optimizing and industrializing flight-proven equipment for more than 30 years, bringing safety, innovation and excellence.

The reliability of our products is up to the technical requirements of launches and a lifetime of several years in orbit.



## **LARGE DIMENSION & PRECISION**

We know how to meet the most demanding specifications in terms of precision for large parts (diameter of a

All manufacturing steps, from design to inspection, are carried out by our teams at our site in La Seyne-sur-mer.

# High-end industrial references

In aluminum or composites, our parts are qualified for the critical environment.



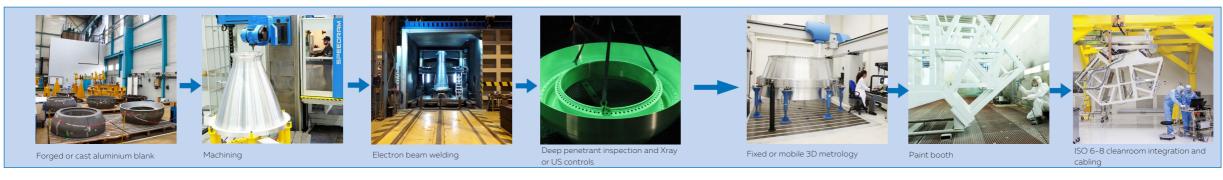




Reinforced composite: Liquid Resin Infusion (LRI) technique for aircraft radome (Forward Pressure Bulkhead)

# Manufacturing and control lines

Metal equipment (5000 or 7000 or 2219-series aluminum, stainless steel, titanium, etc.)



### Composite equipment



# **OUR FLIGHT RELIABILITY GUARANTEE FOR 30 YEARS**

Our parts are integrated and **flight-proven** in both two 1<sup>st</sup> European launchers: Ariane 5 and VEGA-C.

Our teams are trained to meet the requirements of European space standards.

# **CO-DESIGN AT OPTIMIZED COSTS & EXPERTISE IN NOBLE MATERIALS**

Resistance environment, reducing the mass, excellent waterproofing, clean room integration... Our engineering and methods teams support you in the development of your metal and composite parts. We offer you the best solution combining technique, economy and performance. We make your design lighter and manufacture prototype at scale

