

Launchers
Transversal competencies



Main activities:

Design, industrialization and production of systems and equipments meeting the highest standards in harsh environment.

Expertise in elaboration and production of composite & polyurethane products meeting the highest level of quality & performance requirements.

COMPETENCIES & CAPABILITIES

CNIM has an expertise in the **engineering and manufacturing of high value-added and large components** for space applications. Its expertise and competencies lies in large dimensions end-to-end projects: turning, milling, drilling, electron beam welding, large scale of high-precision controls, etc.

Backed up by a long partnership with ArianeGroup, CNIM now manufactures nozzle casings for the Ariane 6 launcher.



CNIM

PRODUCTS & SERVICES

CNIM manufactured all three-elements of Ariane 5's nozzles thanks to its expertise in precision machining and welding.

Located at the base of the boosters, the nozzles are responsible for ejecting and guiding the propulsion gases during the launcher's first stage of flight.

CNIM has a state-of-the-art industrial equipment: large scale electron beam welding and now offers a new process to manufacture more quickly and at reduced costs: the flow-forming technology.

MAJOR SPACE PROJECTS & REFERENCES

Ariane Group:

/ nozzles for Ariane 5

/ nozzles for P80 - VEGA

/ nozzles for P120C – Ariane 6

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TURNOVER 689 M€ in 2018

WORK FORCE 2 600