

Transversal competencies
 Satellites
 Balloons
 Launchers



Lacroix is a private family company whose core business consists in the design, manufacture and supply of pyrotechnic devices and systems to meet military, civil and space requirements. These activities cover the following main areas: protection, thermal pyrotechnic effects, training & simulation, pyromechanisms, passive expandable countermeasure for self-protection of aircraft and helicopters, IR smokes, signaling & rescue devices, illuminating and smoke devices, pyrotechnical delays, defense and space pyromechanical assemblies.

COMPETENCIES & CAPABILITIES

The Lacroix technological innovation backed by a R&D Department of over 100 specialized engineers and technicians forms the basis as a key provider of Advanced Pyrotechnics.

Lacroix provides the capacity for the rapid development of complex, highly technical and fit-for-purpose products.

This expertise gives Lacroix a leading position in the market through its:

- Ability to provide specifications for products or subsystems;
- Expertise highly technical products within budget and deadline;
- Highly competent pyrochemical department;
- In house calculation, test and evaluation facilities;
- Experience in life cycle characteristics and assessment of RMST;
- Flexible production facilities for small and medium batch.

PYROTECHNIC COMPONENTS




MODULAR TECHNOLOGIES FOR SPACE AERONAUTICS :
 Satellites Passivation Solution : micro-perforator
 Cutter & Hold and Release
 Customized powder formulation
 Reach free & Clean Space Solutions
 for NextGen Projects





ESTABLISHED 1960

ETIENNE LACROIX Tous ARTIFICES

PRODUCTS & SERVICES

Lacroix's core business on pyro mechanical components can be summed up in the following functions: cut, drill, initiate, secure, neutralize and actuate.

This can be achieved using different kinds of components: shaped charges, nuts, gas generators, squibs, delays, and so on.

In addition, our expertise in the chemistry of energetic materials and our laboratory and test facilities allow us to adapt the expected performances to the exact needs of the function and to carry out foresight work to ensure new functions.

MAJOR SPACE PROJECTS & REFERENCES

Lacroix is involved in many civil and military projects, whether on prospective R&D programs than for several serial productions.

- CNES
 - Micro Perforator
 - Pyrosoft: low shock HDRM
 - Opto pyrotechnic: Initiator IOP, DOP detonator
 - Virosoft, Dynasoft
- Stratospheric balloons: Cable cutter
- SAFRAN: Safety and activating mechanisms, delays, gas generators, cable cutters
- TAS: Micro Perforator (Space Clean)

POINT OF CONTACT

ADDRESS Etienne LACROIX Tous Artifices / Route de Gaudiès
09270 Mazères - FRANCE

WEBSITE www.lacroix-defense.com

PHONE +33 (0)5 61 67 79 00

POINT-OF-CONTACT : GLACIAL Frédéric

Key account Manager - Pyromechanism products

frederic.glacial@etienne-lacroix.com +33 (0)5 61 67 79 57

TURNOVER 21,7 M€ (2019)

WORK FORCE 350

SPACE TURNOVER 0,5 M€ (2019)

SPACE WORK FORCE 17