

# Hutchinson Chemillé (Jehier SAS)



We make it *possible*



# Product Lines from -270°C to +1400°C: acoustic, thermal & fire

AIRCRAFTS

HELICOPTERS

DEFENCE

GROUND TRANSPORTATION

## MATERIALS

## TAIS

Thermal & Acoustic Insulation Systems

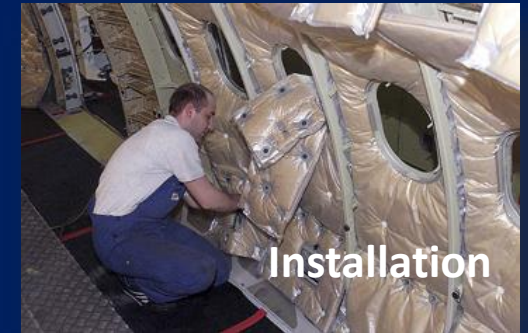


## TPS

Thermal & Fire Protection Systems



## Services





# IMS Industrial Footprint



8

Production sites

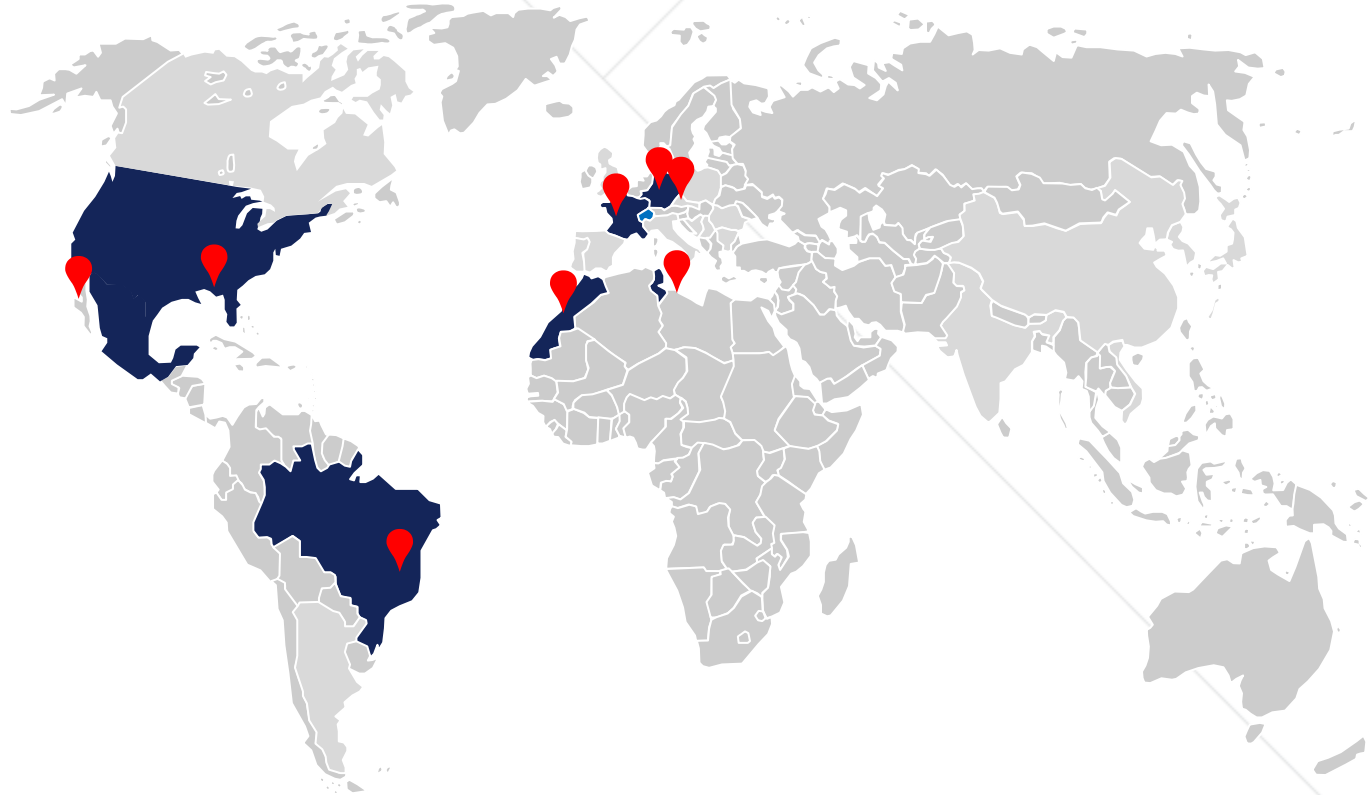
Chemillé – FR  
Seifhennersdorf – DE  
Hamburg – DE  
Sousse – TU  
Casablanca – MO  
Mobile – US

Ensenada – MX  
Monte Alto - BR



900

Employees



# MATERIALS

- World Leader in Material Design
  - Elastomers
  - Films
  - Foils and Tapes
  - Insulation Material
- Engineered to meet
  - Comfort requirements
  - Safety Critical performances





# TAIS

- **Fuselage Insulation**

- From Bizjets to Commercial platforms
- From standard to customized/high performance blankets
- Passengers comfort in safe conditions
- Installation for Commercial aircrafts



- **Vehicle Body Insulation**

- Crew/passengers comfort and safety
- Thermal efficiency
- Soundproofing
- IR signature reduction



# TPS FOR AEROSPACE

## For Aircrafts

ENGINE & ENGINE  
COMPONENTS

AEROSTRUCTURES

FLUID DISTRIBUTION

EXHAUST MUFFLERS &  
TUBES



## For space

Structures & bays

Tanks & ducts

Electronics

Engines parts





# TPS FOR INDUSTRY & TRANSPORTATION

## For cryogenics

- Superinsulation of cryogenic tanks and transfer lines.
- Particle accelerators, superconductor magnets, optronic equipment, medical scanners using nuclear magnetic resonance.



## Batteries Thermal & Safety Management

- Passive and active solutions for Batteries
- In the air....
- On ground...



# FIRE TECH CENTER

HUTCHINSON has created an Aerospace Fire Tech Center in Chemillé.

- A central place dedicated to fire science & fire testing to:
  - Anticipate (future regulations)
  - Simulate
  - Innovate
  - Develop
  - Inspect
- ISO 17025 certified
- Active member of International working groups meetings leaded by FAA.



**Federal Aviation  
Administration**





# FIRE TECH CENTER

A test facility which works for all major Aerospace players.

- Testing Capacity:
  - FAR25.853 – Vertical Bunsen burner test
  - FAR25.856.a – Flame propagation test
  - FAR25.856.b – Burnthrough test
  - ISO2685 / AC 20-135 with various environmental conditions (Vibration, pressure, Airflow...)
  - Thermal Conductivity test bench (ASTM C177)
  - Smoke & Toxicity Analysis
  - More testing capabilities under screening by FAA upcoming



# FACILITIES

- ◇ 16,000 sq. metres of buildings
- ◇ A building for each activity
- ◇ More than 300 production machines





