# FLYING FURTHER AWAY

FOR A CHALLENGING WORLD

2026 BUSINESS OVERVIEW


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sofitec.aero

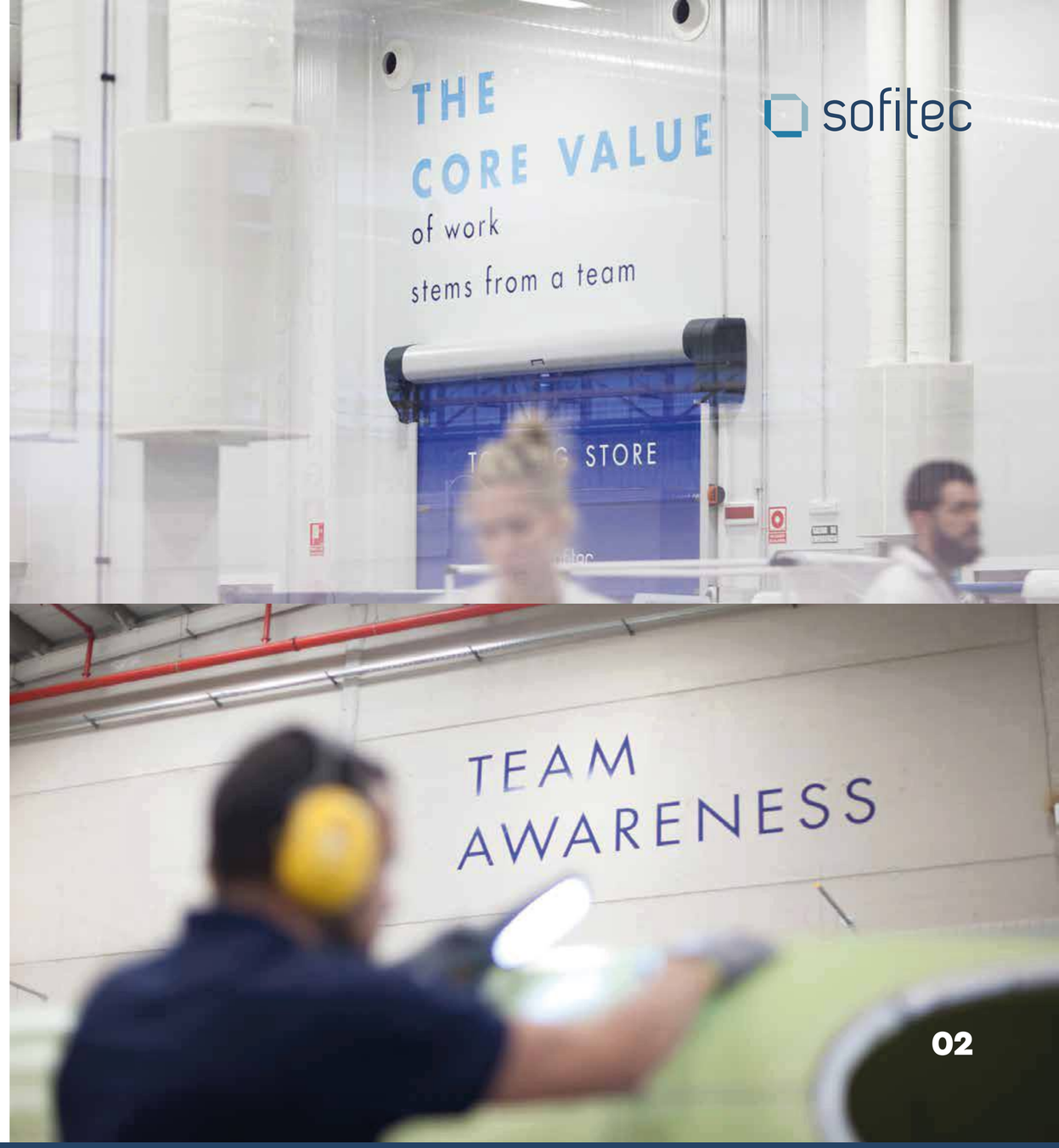
# A PREMIER AEROSPACE GLOBAL MANUFACTURER

Founded in 1999 as an engineering company, Sofitec Aero is a premier manufacturer of cutting-edge composite, metal bonding, highly skilled sheet fabricated components and assemblies at all levels of complexity, with products installed on the industry's most advanced commercial and defence aircraft.

A spaniard owned company supplying worldwide with a footprint of almost half million square feet (half hundred thousand square meters), of state-of-the-art facilities, expandable to the double, Sofitec competitively solves the market's toughest challenges on time, with Quality Assured.

**100%** SPANISH PRIVATE COMPANY

AEROSPACE

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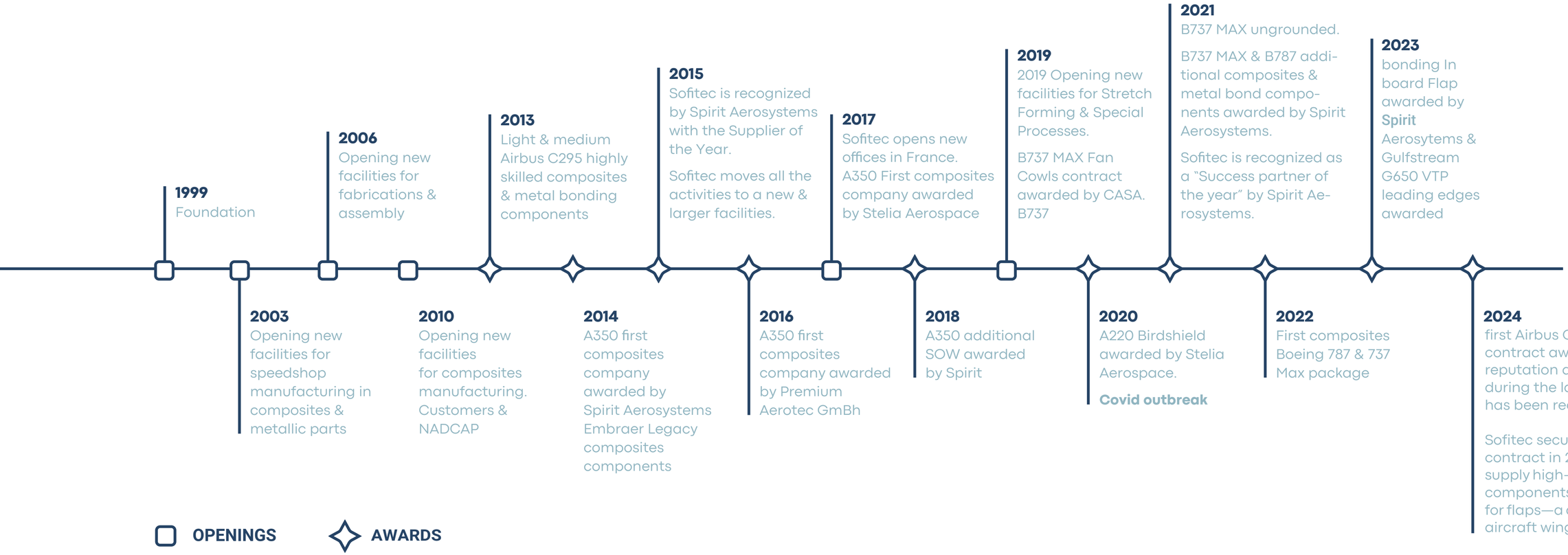
# OUR EVOLUTION AS AN AEROSPACE KEY PLAYER

Founded in 1999, Sofitec Aero is a dinamic & young company whose history reflects vast experience and stellar progress in aviation and aerospace composites, metal bond, fabrications and assemblies. Sofitec Aero has proven experience in commercial, military and business aviation, producing for a wide variety of platforms & global customers.



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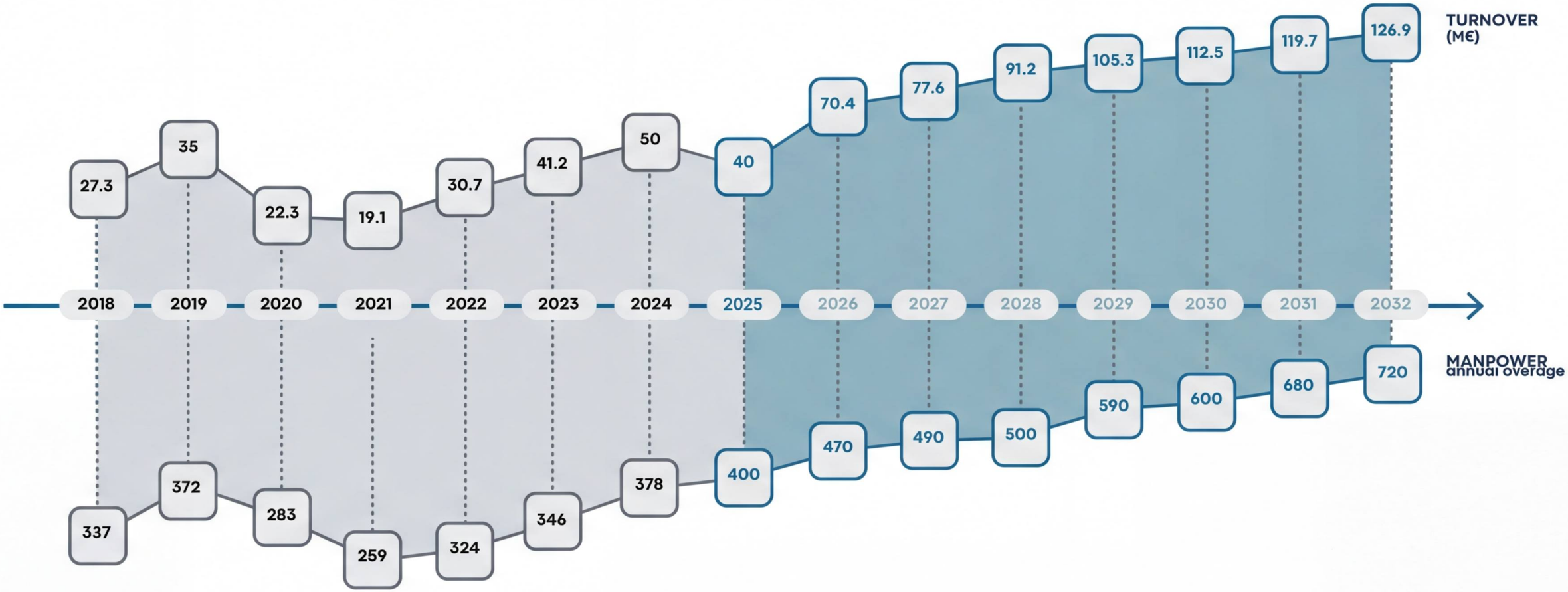

# A WORLDWIDE CLASS PARTNER IN THE AEROSPACE INDUSTRY

> Conquer your operational roadblocks that are wasting energy and resources.

## GREENER

**OUR COMMITMENT TO THE COMMUNITY**

Commited to the environmental quality & conservation of natural resource, 50% of our energy consumption comes from renewables sources due to 20,000 sqm of solar panels installed on our facilities in 2018, in addition LNG, consider the cleanest fossil fuel, as an energy source for many of our primary equipment defines Sofitec Aero contribution to a Greener Aerospace Industry.

Sofitec Aero is ISO 14001 and REACH Compliance, using most of Cr6 free analizing and painting systems in the aerospace market.

## TRANSPARENCY

**OUR COMMITMENT TO THE STAKEHOLDERS**

Being open, collaborative, honest & respectful with communication. sharing ideas and building trust by making intentions clear.

Philosophy of working together to achieve the best outcomes.

## OPERATIONAL EXCELLENCE

**OUR COMMITMENT TO THE CLIENTS**

In such a highly competitive industry, Sofitec stands out for its service vocation & efficiency philosophy.

The process involves focusing of the customer`s needs, keeping the employees positive and empowered, looking for improving the current activities in the workplace using Lean Manufacturing or Kaizen methodologies and managing tools like APQP.

# ONE TEAM, ONE SOFITEC

“

The Sofitec Aero leadership team has a century of combined experience leading teams across the aerospace industry.

**CEO**
JOSÉ MIGUEL HERNÁNDEZ

**PRODUCTION DIRECTOR**
IRENE HERNÁNDEZ

Programs
Manufacturing
Technical support
industrialization R+D

Manufacturing eng.
tooling
logistic

**PURCHASING & BUSINESS DEVELOPMENT DIRECTOR**
VÍCTOR HESS

Bidding eng.
Purchasing
Commercial

**QUALITY ASSURANCE DIRECTOR**
ALBERTO FERNÁNDEZ

Quality system
Quality tooling
Quality supply

**HUMAN RESOURCES DIRECTOR**
ANTONIO CASADO

Human Resources

**FINANCE DIRECTOR**
CANDELA GOMEZ

Finance
Accounting

**LEAN MANUFACTURING DIRECTOR**
JOSÉ ÁNGEL GARCÍA

Lean Manufacturing

**MAINTENANCE DIRECTOR**
JOSÉ ANTONIO PIÑA

Maintenance

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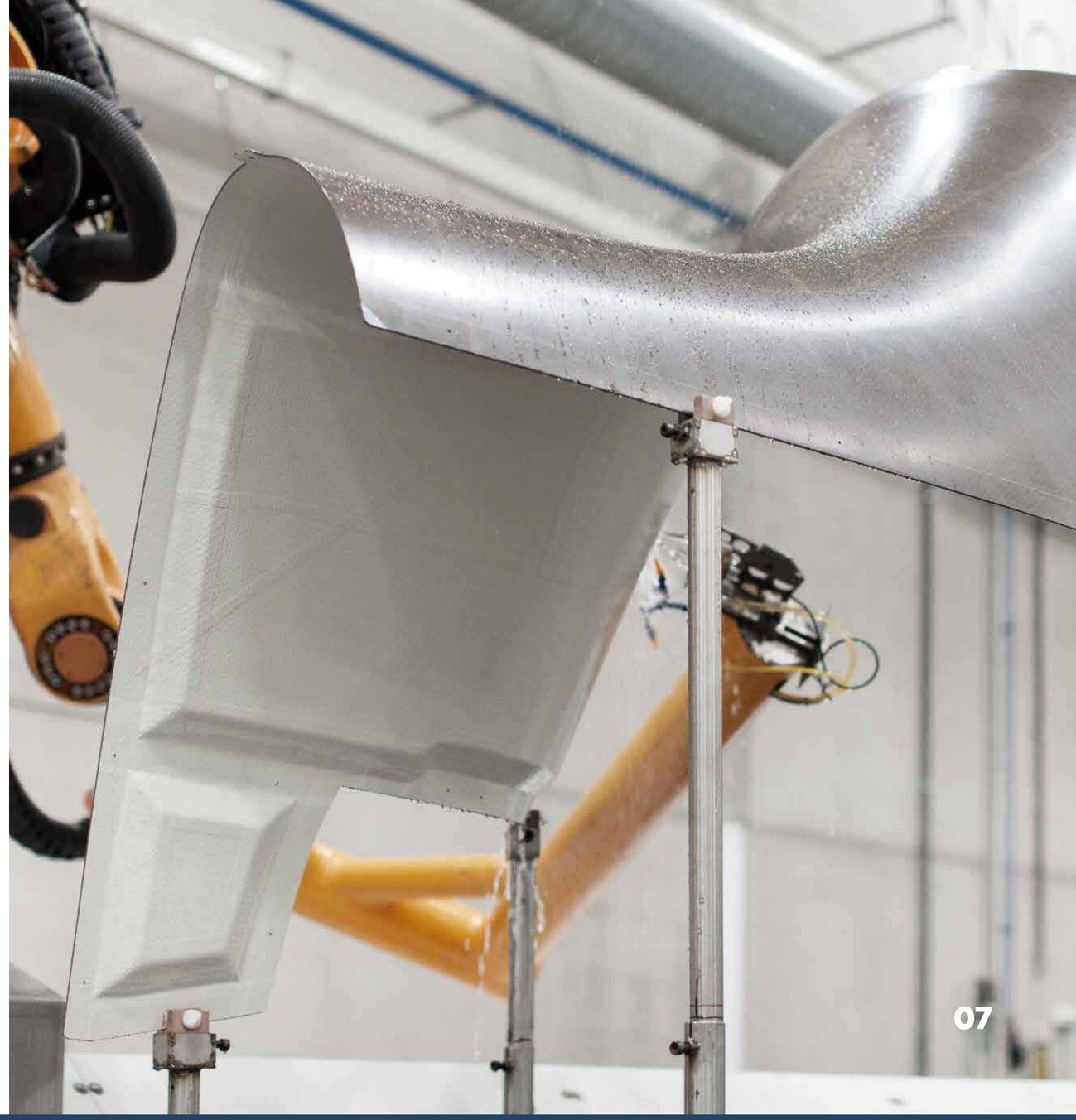
# HIGHLY SKILLED COMPOSITES PARTS

More than 2,000 sqm. of cca certified climate controlled areas, expandable to 3,000 sqm. in an agile and flexible manner.



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# HIGHLY SKILLED COMPOSITES PARTS

Sofitec offers **world leading complex composites components and structures** in carbon woven, tape, kevlar, glass combined with honeycomb and foams, cured, co-cured and/or bonding structures, pressurized in aotoclave or OOA (Out of Autoclave) processes up to 14 meters long. A “state of the art” NDT facilities support these capabilities.

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# METAL BONDING CONFIGURATIONS

An independent strong and reliable technological partner.

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Metal bonding, co-bonding of metallic alloys for structural assemblies in both commercial and defence fixed wing aircraft using materials such aluminum, stainless steel, metallic and non metallic honeycomb core, phenolic prepregs, film and expanding adhesives is a well know capability in Sofitec, with the addition of a recently bult facilities that add new special processes to our portfolio.

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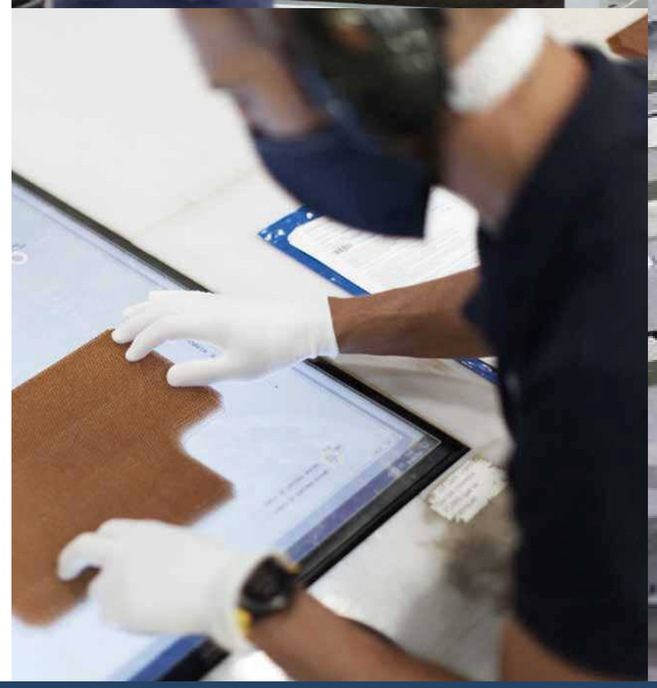

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# COMPLEX FABRICATION PARTS

Turn key solutions ready to be integrated at our customer´s final assembly line.

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# COMPLEX FABRICATION PARTS

With a factory built and capitalized to accomodate large and complex fabrication components including stretch forming, press forming, heat treatments for aluminum alloys, mechanical milling, CNC and waterjet cutting plus a long and rich story of fabrications manufacturing.

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# ASSEMBLY

Vast experience in the assembly of complex composites or metallic components and structures.

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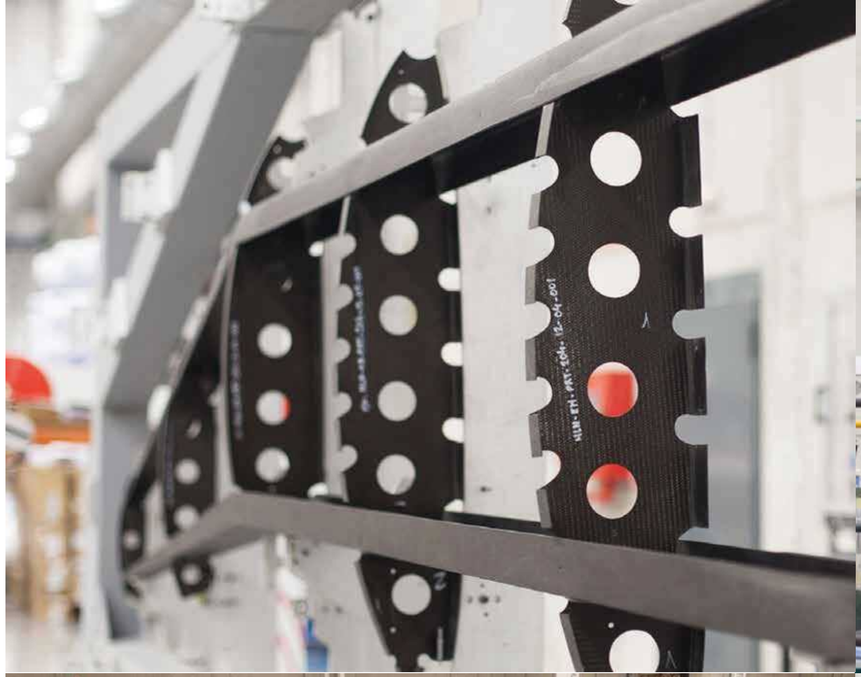
# ASSEMBLY

From Legacy programs using assembly jigs at each mayor installation step, to determinate wich eliminate the need for assembly jigs together.



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# NDT & LAB

Providing the site an independent way of working with a significant cost and lead advantages.

# NDT & LAB

The scale and complexity of composite, bonding structures and chemical processes have significantly increased over the past decade. To support these emerging requirements, Sofitec has invested in up-to-date NDT equipment and an “in house lab” with a vast portfolio of test methods.


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# SPECIAL PROCESSES

More than 400 special processes, NDT & Lab test methods done “in house”.

# SPECIAL PROCESSES

## CHEMICAL PROCESSING

Anodizing Line.

**TSA >** Tartaric sulphuric anodizing.
**BSA >** Boric sulphuric anodizing.
**PSA >** Phosporic sulphuric anodizing airbus pre-treatment prior metal bonding process.
**PAA >** Phosporic anodizing boeing pre-treatment prior metal bonding process.
**CAA >** Chromic anodizing, limited users, specially abroad europe, airbus canada pre-treatment prior metal bonding process.

Alodine conversion coatings.
Dry blasting.
Ti pickling.
Climate certified controlled cnc robotic installation for aplying of non corrosive primers to bonded parts. sol-gel for aluminum an its alloys.
Antistatic erosion resistant, antifriction, antistatic, structural, fluorescent and external paint systems.
Rework of paints on metallic and non-metallic structural parts.
Inspection for confirmation of the anodising process (based upon measurement of surface resistance).
Acid pickling of alumium alloys.

## ASSEMBLY

Preparation of holes in metallic materials and mixed assemblies for fastening.
Wet installation of fasteners.
Sealing of aircraft structures.
Electrical bonding and measuring resistance of bonding points.
Liquid shims.
Installation of blind bolts pull type and threared type.
installation of blind rivets.
Bush installation in interference assemblies.
Installation of pneumatic de-icer.
Torque tightening of screws, bolts and nuts.
Installation of parallel shank threaded fasteners.
Preservation of Cut Edges of Carbon Fibre Composite Parts to prevent Galvanic Corrosion on attached Metal Parts.
Rectification of metallic materials by 3 point bending.

# SPECIAL PROCESSES

## COMPOSITES & METAL BONDING

Manufacturing of monolithic parts with thermoset prepreg materials.
Advanced composites and honeycombs structural parts.
Manufacturing of high temperature resistant epoxi structural parts.
Structural bonding metal to metal.
Manufacturing of metallic sandwich parts, bonding process.
Machining and drilling of composite parts.
Non structural adhesive bonding.
Qualification of autoclaves for metal bonding and curing composites structures.
Fabrication of structural adhesive bonded assemblies for use up to 180° C.
Machining of fibre reinforced plastic FRP components.
Rework of Structures Manufactured from Composite Materials Laminates and Sandwich.
Mechanical surface preparation of non-structural adherend prior to adhesive bonding.
Non-structural adhesive bonding.
Structural bonding on phosphoric anodizing.
Repair of Structures Manufactured from composites materials. (Laminates Sandwich)


## HEAT TREATMENT

Heat treatment of alluminium alloys.
Ferrous alloy heat treatment inspection by hardness.
Alluminium alloy heat treament inspection by electric conductivity and hardness.

# SPECIAL PROCESSES

## NDT

Penetrant inspection process.
Ultrasonic through transmission inspection of composite parts, monolithics, sandwich parts, metal bonded parts, sandwich and adhsevely joined metal parts.
Ultrasonic pulse echo inspection of fibre composite parts and phased array technique.
Tap test.
Determination of electrical conductivity of al alloys by eddy current method.
Leak test for sandwich structures.
Resonance impedance inspection using Fokker bond tester.
Visual inspection.
Thickness measurement of fiber composites by ultrasonic pulse-echo technique.
Ultrasonic pulse-echo inspection of areas around fastener and rivet holes in composites.
For Inspection Processes Determination of electrical conductivity of aluminium alloys by Eddy current method.
Leak Test for Sandwich Structures.

## TEST METHODS

All of them associated to process control in chemical processing, heat treating, composites & metal bond structures:
Determination of chloride contamination, hydrogen in treatment tanks.
Structural adhesives peel metal-metal floating roller.
Structural adhesives peelingtest metal-noneycomb core.
Carbon fibre reinforced plastics determination of aparent interlaminar shear strength.
Corrosion test in artificial atmospheres-salt spray testing
Combined determination of free hydroxide and aluminium in alkaline surface treatment baths.
Anodizing of aluminium and its alloys. determination of mass per unit area (surface density) of anodic oxidation coatings. gravimetric method.
Anodizing of aluminium and its alloys - estimation of loss of absorptive power of anodic oxidation coatings after sealing - dye-spot test with prior acid treatment.

# SPECIAL PROCESSES

## TRUST IN OUR SPECIAL PROCESSES

AIRBUS

EMBRAER

BOEING

BOMBARDIER
the evolution of mobility

AIRBUS HELICOPTERS

AIRBUS CANADA

AIRBUS DEFENCE & SPACE

Fokker

# SOFITEC INDUSTRIAL STRATEGY

## WHERE WE ARE

**Sofitec is currently a leading global industrial supplier, specialized in the manufacturing of high-complexity detail parts and hybrid subassemblies for a wide range of aerospace platforms, including commercial, military, executive aircraft and helicopters.**

Our value proposition is based on:

- **A vertically integrated model,** with more than **50,000 m² of facilities in Seville,** housing **over 400 special processes, NDT and test methods** in manufacturing technologies for **composite, metallic, and hybrid components.**
- **Make/Buy Philosophy:** While Sofitec strongly supports vertical integration, for processes not available in-house, we assess their technical, economic, and strategic viability. If they offer mid-term value and align with our roadmap, we integrate them; otherwise, we rely on outsourcing. Clear examples include **machining** and **surface treatments for titanium and steel,** which are currently subcontracted.
- **Commitment to REACH and sustainability:** Sofitec actively promotes the transition to more environmentally friendly processes. We have implemented **mechanical milling** as an alternative to chemical milling, and replaced treatments such as hexavalent chromium anodizing (CAA) with more sustainable options like **PSA, TSA, and BSA.** These actions reinforce our compliance with REACH regulations and our commitment to responsible manufacturing aligned with the future of the aerospace sector.
- **Certified and with consolidated experience for major global OEMs,** with an **installed capacity that allows over 50% load absorption margin.**

# WHERE WE ARE GOING

## Short Term (2025-2026)

**Objective:** Industrialize awarded contracts and increase the profitability of existing assets.

- **Special focus on the industrialization of the A321 IBF contract from Airbus Commercial and the new contracts for Helicopters H160 and NH90.**
- **Market prospection for work packages aligned with our capabilities and adapted to the current geopolitical and market context, aiming at product/platform and customer diversification.**

## Medium Term (2026-2028)

**Objective:** Evolve towards structural assembly and strengthen our position in the defense market.

- **Positioning as a Tier 1 specialist in the supply of hybrid subassemblies with and without mechanical fastening, or combinations of both, delivered directly to FAL.**
- **Implementation of composite material configurations in defense contracts, replacing traditional metallic configurations.**

# STRATEGIC VISION

### European Leadership

Consolidate position as leading industrial partner

### Manufacturing Excellence

Specialist in high-complexity detail parts

### Defense Sector Growth

Greater penetration in defense markets

### Sustainable Foundation

Flexible industrial model with clean technologies

**"To consolidate our position as a leading industrial partner in Europe, strengthening our role as a specialist manufacturer of high-complexity detail parts and evolving towards the integration of hybrid subassemblies, with greater penetration in the defense sector. We are committed to a flexible and sustainable industrial model, supported by an efficient Make/Buy philosophy and the adoption of clean technologies."**

# TECHNOLOGICAL SYNERGIES

## CURRENT PROCESS

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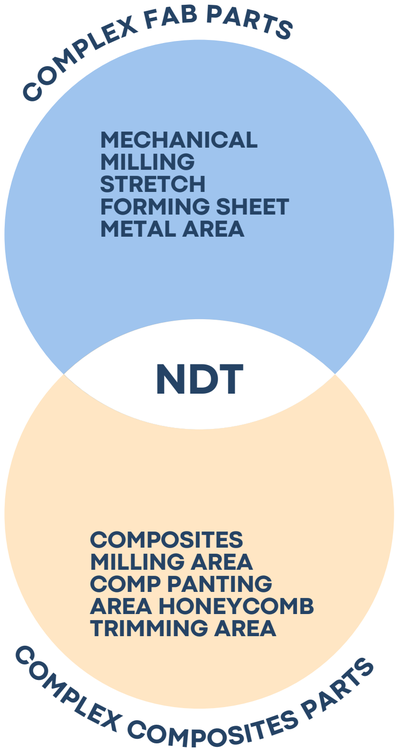
## CURRENT PROCESS



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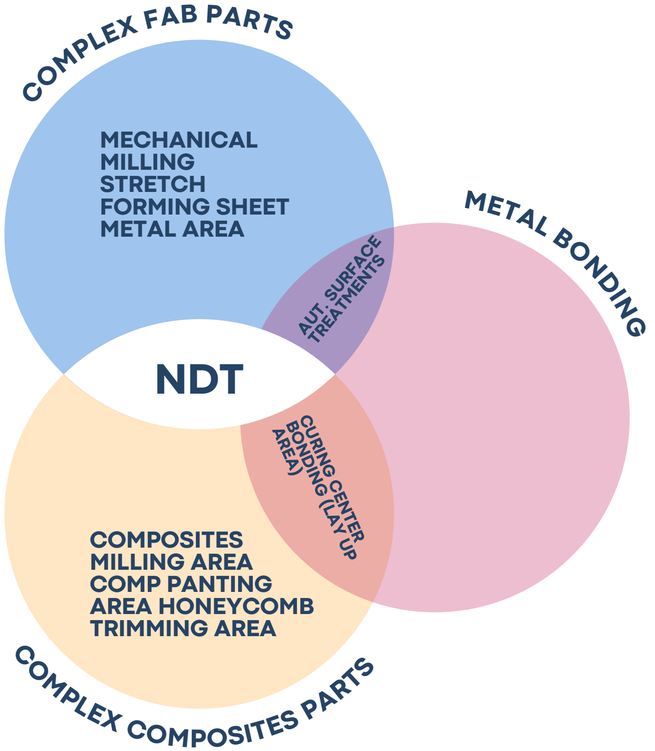

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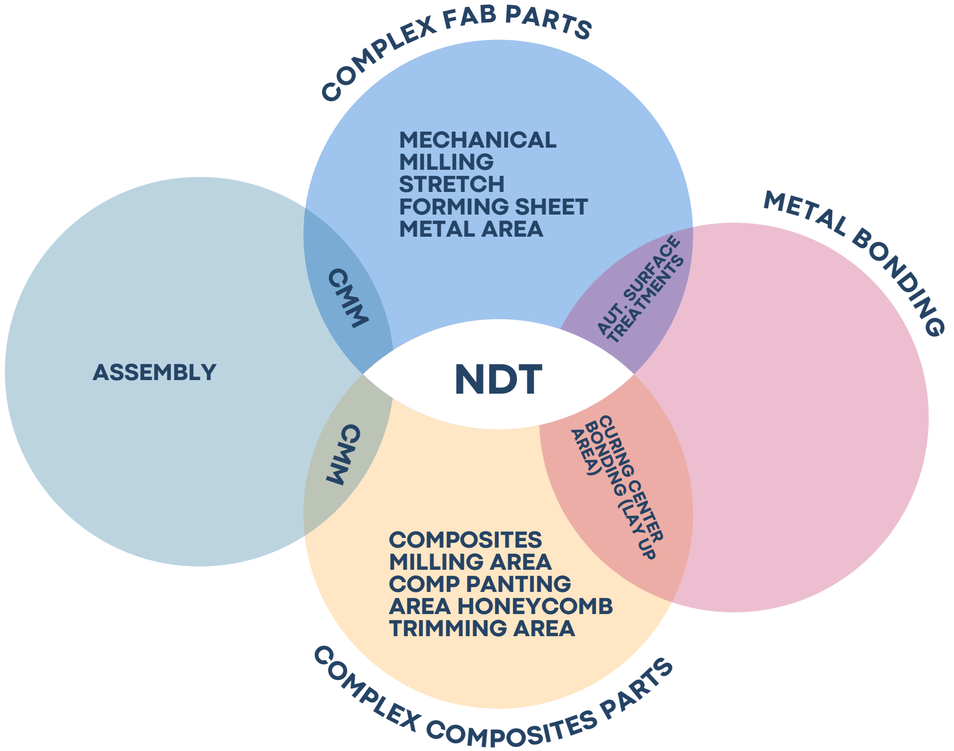
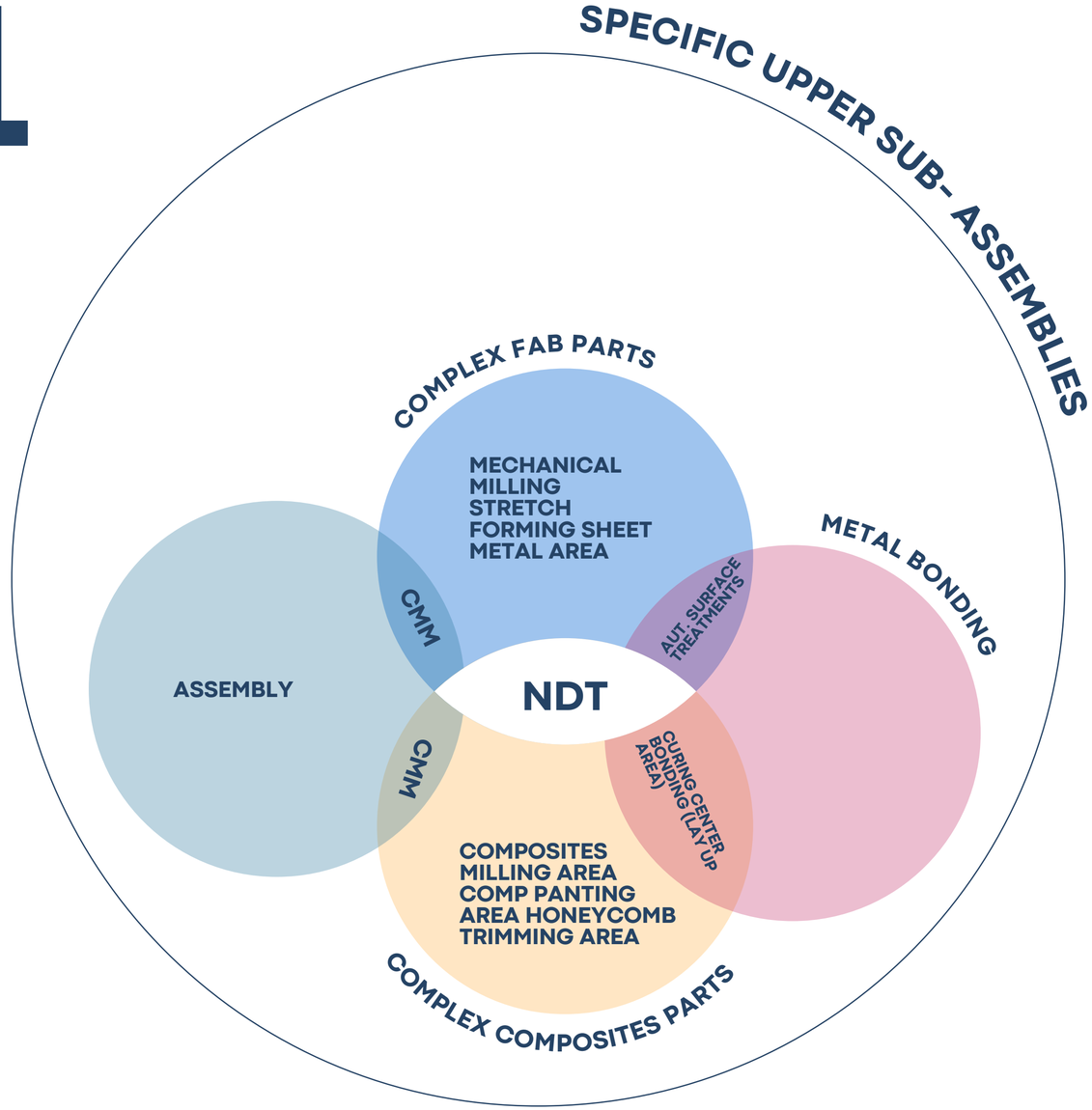


# TECHNOLOGICAL SYNERGIES

## WHERE WE ARE HEADED



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# CURING CENTERS & OVENS

Redundancy in our curing centers is critical in maintaining a reliably predictable workflow.

Autoclaves and High temperature Ovens for composites, metal bond curing, quenching and aging of Al and its alloys.

# CURING CENTERS & OVENS

**2 AUTOCLAVES.** 4 x 1 6 m . / 1 3 x 5 2 f t (DxL)


**OVEN OOA.** 4 x 4 x 8 m . / 1 2 x 1 2 x 2 4 f t (WxHxL)


**HEAT TREATMENT OVEN.** 4000mmX2610mm x 2 200mm / 1 4x8.6x7.5x f t / WxHxD Tolerance_ +/- 5°C | + /- 41°F & T emperature_ 6 00°C | 1 112°F


**HEAT TREATMENT OVEN**
1800x1000x1000 m m. / 6 x3.3x3.3 f t. (WxHxL)

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# TRIM & MILL

Expansive array of working envelops integrating configurable holding fixtures, OEE monitoring & CMM probe systems.

# TRIM & MILL

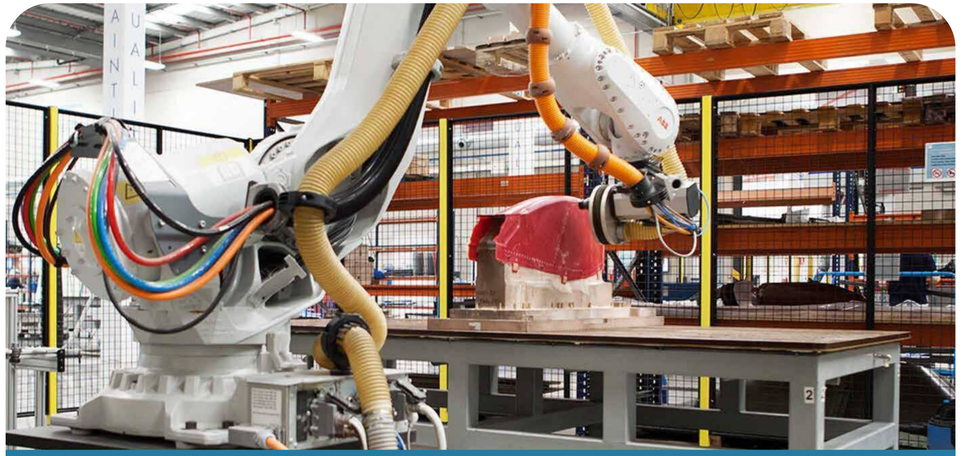

**5X CNC 13x4x1.1 m.** / 43x13x3.6 ft (LxWxH)
**COOL JET REGRIGERATION**


**5X CNC** 10x4x1.7 m. / 32x13x5.5 ft (LxWxH)
**2 WORKING ZONES / MQL & COOL JET REGRIGERATION**


**3X CNC** 14x3x0.35 m. / 46x10x1.15 ft (LxWxH)
**2 WORKING ZONES / MQL & COOL JET REFRIGERATION**

# TRIM & MILL

**5X CNC 5x2,6x1 m** / 16x8.5x3.2 ft & 3X CNC 3,6x2,3x1,6m / 32x12x5 ft (LxWxH) **COOL JET REFRIGERATION**



**HONEYCOMB MACHININIG** 5x2 m / 16 x 7 ft


**HONEYCOMB TRIMMING & CHAMFERING** 10x3,6 m. / 32x12 ft

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# STRETCH & PRESS FORMING

# STRETCH & STAMP

**STRETCH FORMING**
5x5 m ./16.5x16.5 f t. | F ORCE (V/H) up t o 6 000/3000 k N

**PRESS FORMING** 1300x800x1040 m m./ 5 1.2x31.5x41 in . | 2 60 Tm.

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# SURFACE TREATMENT & PAINTING

# SURFACE TREATMENT & PAINTING

**CLIMATE CERTIFIED CONTROLLED CNC ROBOTIC SPRAYING** 6x2 m / 20x6 ft.
PROCESSING CAPACITY 4356 sqm/day (46,887 ft2/day)
ENVIRONMENTAL MONITORING & CONTROL

**AUTOMATED SURFACE TREATMENTS - BSA / TSA / PSA / CAA / PAA**
6x1,5x2 m / 20x5x6 ft. PROCESSING CAPACITY 800 sqm/day (8,611 ft2/day)
**CLEANING / CHEMICAL CONVERSION COATING / DEOXIDIZING ALUMINUM ALLOYS / TITANIUM PICKLING UP TO** 6x1,5x2 m. / 20x5x6 ft.

**SANDING & PAINTING FACILITIES** 14x4 m . / 4 5x13 f t

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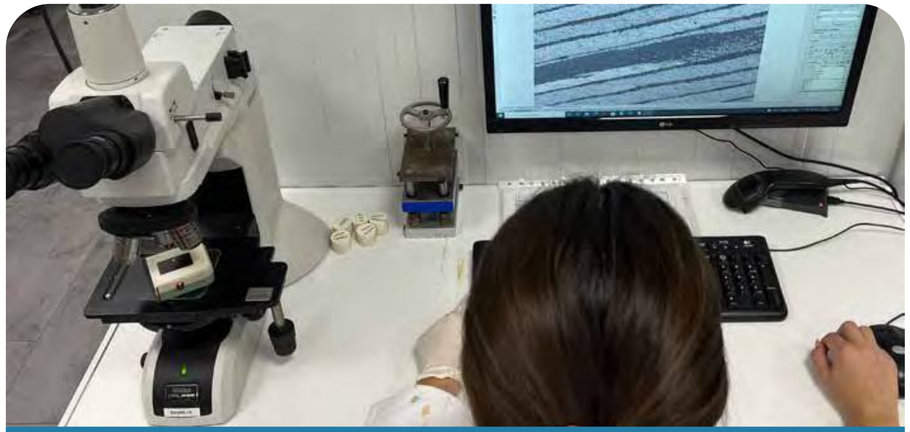
# NDT & LAB

# NDT & LAB


**OLYMPUS BOND MASTER**



**MICROSCOPY METALOGRAPHIC TESTING** Nikon LV150NL

**PENETRANT DYE INSPECTION 6x2 m. / 20x6 ft**

**ROBOT AUTOMATIC TRANSMISION - PHASE-ARRAY - A/B/C SCAN**
14 x 2 ,5 m . / 4 0 x 8 f t

# NDT & LAB

**UNIVERSAL TESTING MACHINE**
50kN


**SALT SPRAY TEST (400L)**
800x1080x550 m m. /31.5x42.5x21.6 in .

# FOOTPRINT

## ONE LOCATION, ALL PROCESSES TOGETHER

**Sevilla has a long history related with the aerospace industry,** being today one of three cities that host an Airbus FAL with Toulouse and Hamburg. Locates in a very competitive region, Sevilla has **a strong aerospace network, including the aerospace degree at the university and R&D centers.**

The city is characterized by an **expanding high-tech industry** that affords ready access to a diverse manufacturing talent base and extensive resources.


**50K SQM / 535K FT$^2$**

**+ 50k sqm / 535K ft2 future expansion**

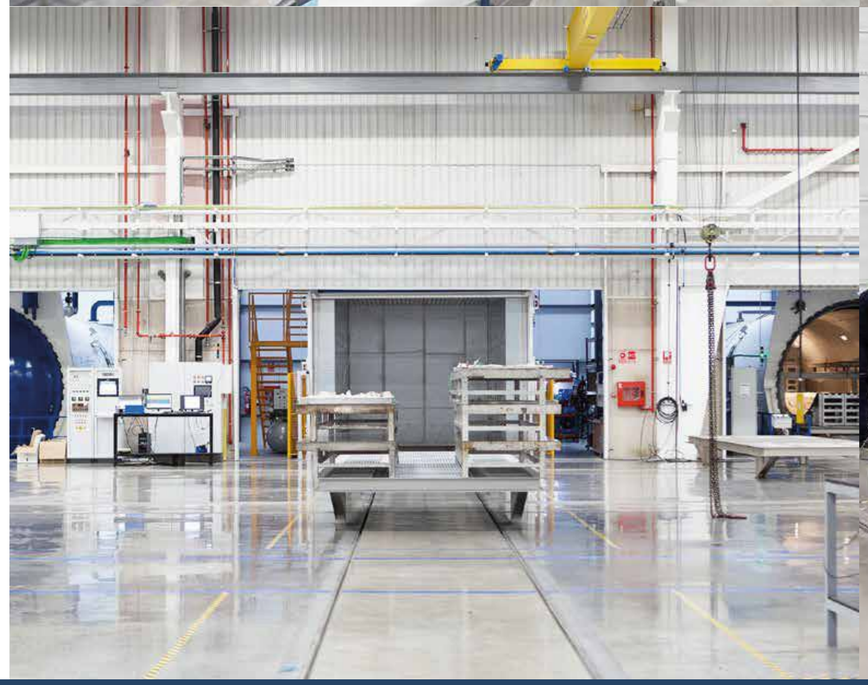
# FOOTPRINT

## ONE LOCATION, ALL PROCESSES TOGETHER

The last expansion at the end of 2019 few months before of Covid Outbreak and the impact of the pandemic in the aerospace business keeps a significant **free workload capacity in Sofitec,** around 50% of average in every work center.

# FOOTPRINT

CLEAN AREA - TOOLING PREPARATION - AUTOCLAVE > 12,800 sqm / 138k ft2

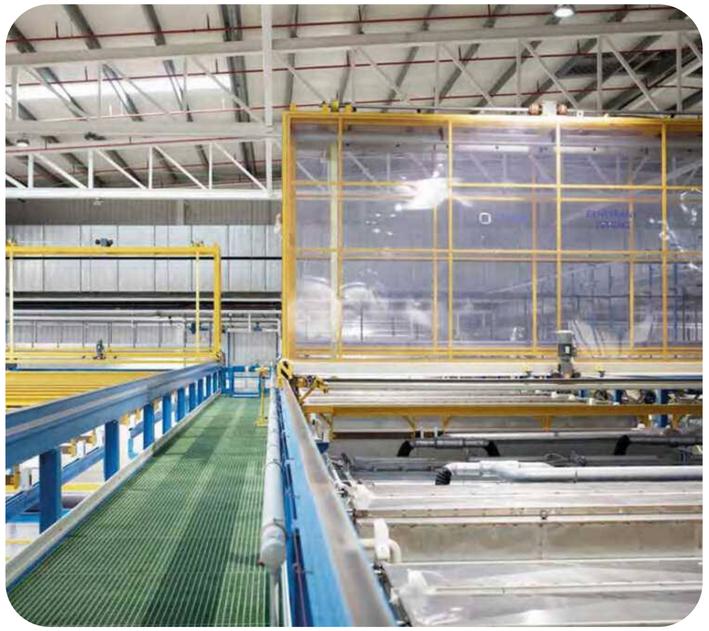
# FOOTPRINT

TRIM AND DRILL > 3,000 sqm / 32.3k ft2
ASSEMBLY > 3,000 sqm / 32.3k ft2
INSPECTIONS, NDT AND LABORATORY > 2,200 sqm / 23.7k ft2
OFFICES > 2,200 sqm / 23.7k ft2



# FOOTPRINT

SURFACE TREATMENTS AND PAINTING > 12,800 sqm / 138k ft2
SHEET METAL AND FABRICATIONS > 4,000 sqm / 43.1k ft2
AUXILIARY EQUIPMENT > 3,000 sqm / 32.3k ft2
SHIPPING AND STORING > 5,500 sqm / 59.2k ft2



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# PROGRAMS

> Most of major OEM´s in the world does not fly without components from Sofitec

## COMMERCIAL

A350 XWB
A320 NEO
A321 NEO
A321 XLR
B737 MAX
A330-340
B777-X
B787
B767
A220
LEGACY 450/500
GLOBAL
7000/8000
GULSTREAM
G650
F6X
F10X

## DEFENCE

A400M
A330 MRTT
KC390
C295 / CN235
Airbus Helicopter NH90
Airbus Helicopter H160

# QUALITY IN EVERY FIBER

At Sofitec Aero, our facilities hold the highest level of aerospace accreditation across all major processes, more than 300 special process, NDT´s or test method qualified by the most relevant OEM´s all over the world.

**KNOW MORE ABOUT OUR COMPLETE CERTIFICATIONS BOOK**

EN 9100 EMPRESA CERTIFICADA

ISO 9001 EMPRESA CERTIFICADA

ISO 14001 EMPRESA CERTIFICADA

Nadcap Administered by PRI ACCREDITED

CHEMICAL PROCESSING
HEAT TREATING
COMPOSITES ASSEMBLY
NON DESTRUCTIVE TESTING
MEASUREMENT & INSPECTION

# SUPPORTING US, CUSTOMERS

AIRBUS

SPIRIT AEROSYSTEMS

BOMBARDIER
the evolution of mobility

AIRBUS HELICOPTERS

PREMIUM AEROTEC

TATA

EMBRAER

TURKISH AEROSPACE

AIRBUS ATLANTIC

AIRBUS DEFENCE & SPACE

Fokker

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# FLYING FURTHER AWAY