



Powering **Excellent** Technology.

# Gas turbine services since 1978







# Centre of Excellence for gas turbine

## A leader in manufacturing and repair activities of high-tech turbine parts

ATLA is an **Italian** company with experience in **Special Processes** and innovative **coatings** mainly for **manufacturing** and **repair** activities on **heavy duty, aeroderivative** and **jet engines** gas turbine parts for the most important OEMs.

Operating as a **Centre of Excellence**, we are consolidating our business with **new customers**, **investments** and **profitability**, having strategically established our position in the supply chain as an **independent provider** and subcontractor to **Primes** and **MROs**. We work to reduce TAT with **fast delivery, excellent service** and **responsiveness**, managing an **integrated supply chain** of qualified suppliers, including our **subsidiary TAG**.

Since **2010** we are **partner** of **Mitsubishi Heavy Industries, Ltd.** one of the world's leading industrial groups, spanning Energy, Logistics, Infrastructure, Industrial Machinery, Aerospace and Defense.

As **official repair shop** of the power solutions brand **Mitsubishi Power**, we offer the most comprehensive support through the exclusive refurbishment of gas turbine hot gas path parts within the **EMEA** and **CIS** areas.

Our **facility** is located in **Chieri**, about 15 kilometers from the city of **Torino**, an excellent **logistic hub**, well linked to the main Aerospace hubs in Europe.

With the **goal** of increasing ATLA's **production capacity** by **2025**, a **new plant** is currently **under construction** next to the main site.

**+47**

Years of experience

**+100**

Employees

**+15.000**

Production area (sq.m.)





# Top class skills and high-tech capabilities

## Special Processes for key players looking for qualified experience and know-how

Our **core business** is the development of **Special Processes** for production and sustainment of the **hot gas path parts** used in **jet engines** and industrial **gas turbines**, with focus on legacy high-tech **coatings**. We deliver products tested and ready to be installed, performing all necessary processes after casting. Relying on our **experience**, we are responsible for the complete work cycle of processes related to the integrated **supply chain**.

From **Customer specifications**, through each phase of work cycle, we are **main contractor** to the final delivery, with willingness to integrate **qualified suppliers** into our supply chain and increase capacity based on projected volumes.

## A wide range of solutions tailored to Customers' needs

Our **facility** is equipped with the **latest technologies** to assure cost competitiveness, technical know-how and short TAT, with **innovative processes, high quality** and **qualified staff**.

The **portfolio** of Special Processes is built on our experience, with a wide range of solutions tailored to **Customers' requirements**:

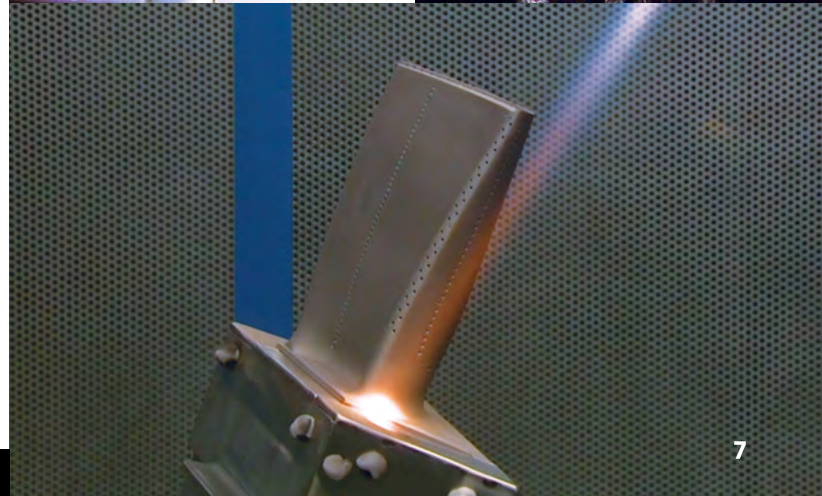
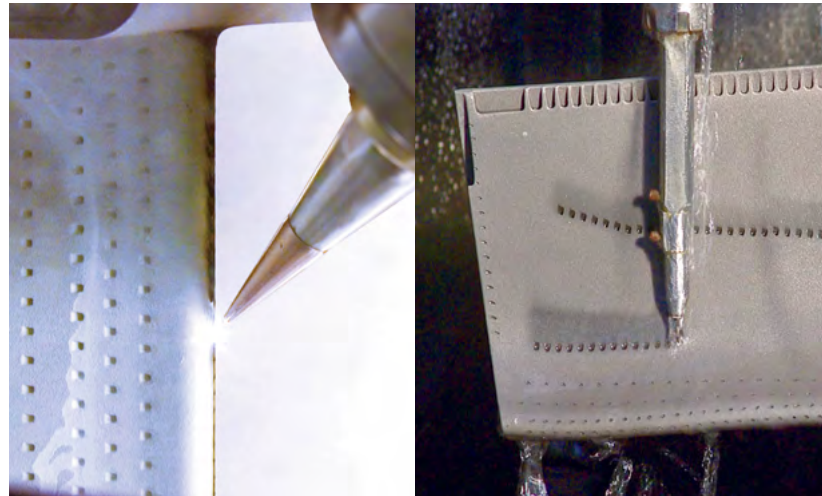
- Atmospheric Plasma Spray (APS)
- High Velocity Oxy Fuel (HVOF)
- Vacuum Plasma Spray (VPS)
- Suspension Plasma Spray (SPS)-Columnar TBC
- Physical Vapor Deposition (PVD Arc)-MCrAlY
- TIG Welding
- Laser drilling and cutting 3-5 axis
- Laser cladding and welding 3-5 axis
- EDM die-sink, wire and drilling
- EDM rotat. electr. 5 axis drilling
- Grinding, grit blasting, automated blast system
- Fluorescent Penetrant Inspection (FPI)
- Vacuum heat treatment and brazing furnaces
- Automated stream Finishing
- 3D measuring machine and scan arm HD
- Metal and plastic 3D printings
- 5-axis milling machines
- Shot peening 6 axis

# +15%

Revenues invested in capacity upgrading

### Laboratory equipments in ATLA and TAG:

*Ultrasonic inspection, eddy-current test, flow calibration test, frequency test, momentum weight and sequency, borescope inspection, dimensional check jigs, Scanning Electrical Microscope (SEM) with EDS, optical microscope, spectroscopy, elemental and isotope analysis, creep test, hardness & micro hardness test, tensile test, coating adhesion test, control of HT (AMS 2750 and Pyrometry), Magnetic Particle Inspection (MPI), CMM, x-ray (QV), oxidation test (QV) and tomography (QV).*





# An integrated Value Chain with TAG

## A leader in heat treatments for Aerospace and Energy industries

Based in **Lecco**, our **subsidiary** company **TAG** is a trusted partner to some of the leading players in **Aerospace** and **Energy** industries.

The company, with two operational facilities in **Dolzago** and **Cremella**, was **acquired** by **ATLA** in **2004** to create a **leading hub** of integrated Special Processes.

Its leadership in **heat treatments** is certified by **Quality** accreditations and **qualifications** from major OEMs over the years. TAG is committed to develop new technologies to meet industry requirements, operating as a **qualified supplier** of the major **Aerospace Primes**, such as **Avio Aero**, **GE Aerospace**, **Rolls-Royce**, **Leonardo**, **Safran** and **Liebherr**.

## One-stop shop cooperation in supply of finished products

The close **cooperation** with our **subsidiary TAG** enables to operate as a **one-stop shop**, optimizing production processes, thanks to total **verticalization** and **complementarity**, acting as a single interlocutor in the supply of a **finished product**. TAG can handle different types of processes, including the innovative **Hot Isostatic Pressing (HIP)** to improve mechanical properties:

- *Vacuum heat treatment and brazing furnaces*
- *Aluminizing and chromizing*
- *Chemical cleaning*
- *Chemical stripping*
- *Fluoride Ion Cleaning (FIC)*
- *Ion nitriding treatment*
- *Cryogenic treatment*

# +37

Years of experience

# +75

Employees

# +10.000

Production area (sq.m.)





# Our best commitment to Quality

## Our standards ensure the best Quality processes and efficiency to our Customers

ATLA adopts and continuously improves its **Integrated Management System** according to the major **ISO** standards, **Aerospace** requirements and **Nadcap** accreditations. We work according to a process oriented management system that meets the latest standards, ensuring **excellent performance** and **best Quality**.

We are an **Affiliate Member** of **IAQG**, the world's leading association for **Quality** in Aerospace and Defense, helping to establish best practices in **supply chain** and **continuous improvement**. We are also part of the Italian association **AICQ Aerospace**, promoting **Quality** and **Safety** in Aerospace **performance**.

## Our employees are all oriented to Customer Satisfaction

ATLA is proud of the **strong commitment** of its **employees** to meet the highest standards of **Quality**, keeping **reliability** at the highest level.

Our employees respect **values**, working together in accordance with the fundamental principles, providing products that comply with the required and mandatory characteristics, aimed to respect **airworthiness** and **safety** of products.

### Certifications:

- ISO 9001 (Quality)
- AS/EN 9100 (Production of aircraft engine parts)
- AS/EN 9110 (Maintenance, repair and overhaul of aircraft engine parts)
- ISO 50001 (Energy)
- ISO 45001 (Health and Safety)
- ISO 14001 (Environmental)
- ISO/IEC 27001 (Information Security)

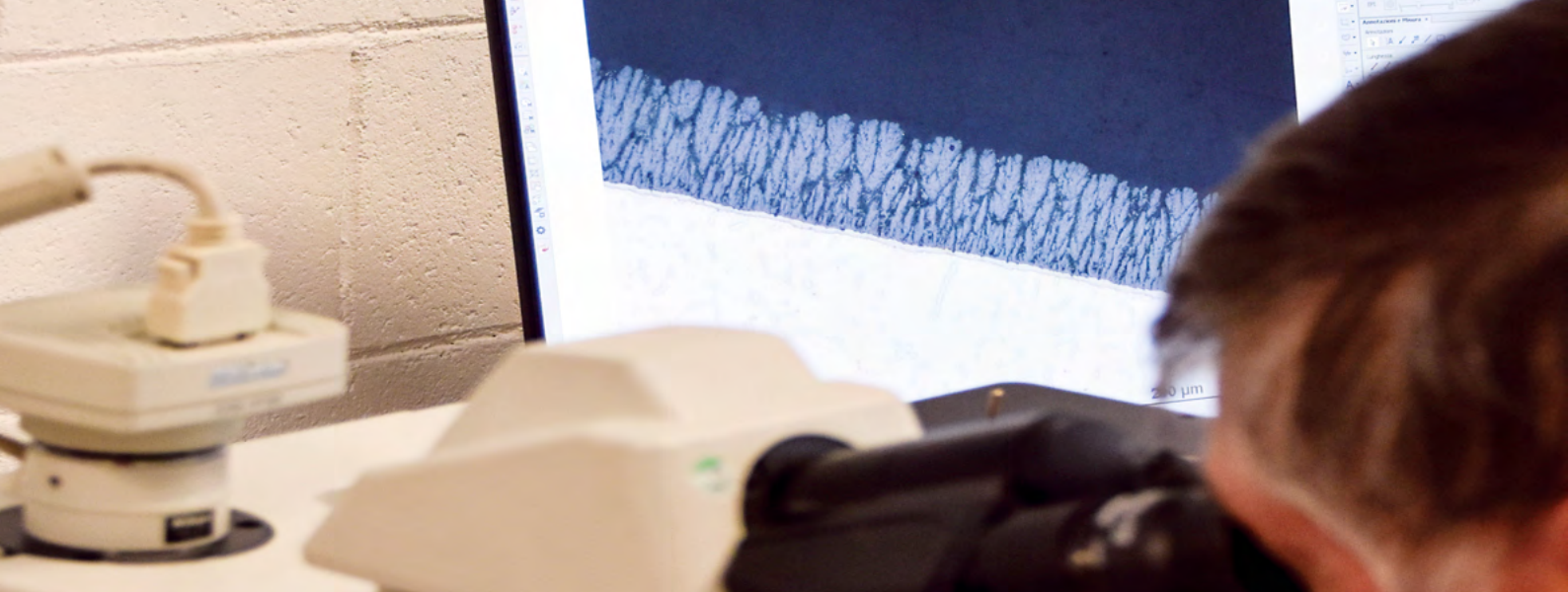
### Nadcap Accreditations:

- Welding
- Nonconventional Machining
- Coatings
- Heat Treating
- Nondestructive Testing
- Metallographic Laboratory for each commodities

### Defense:

- Ex Art. 28 T.U.L.P.S. and NOSC
- Export Compliance Administration Program (ECAP)
- International Traffic in Arms Regulations (ITAR)





# Emerging technologies and joint R&D projects

## Continuous improvements and networking with independent MROs

We share **information** and **experience** with **Customers, universities** and **research centers**, thanks to a staff of **qualified engineers**, a **smart factory** equipped with the most advanced and disruptive technologies, and a **4.0 organization**. Together with strategic partners, we are working on **alternative** high-tech **coatings** for cost and TAT reduction, better performance and thermomechanical properties.

In the framework of our **collaborations** with the academic world and MROs, we have a distinctive role in various **joint projects**, contributing to **innovative coatings, additive manufacturing** and **advanced materials**.

## Investments in new technologies and competitive solutions

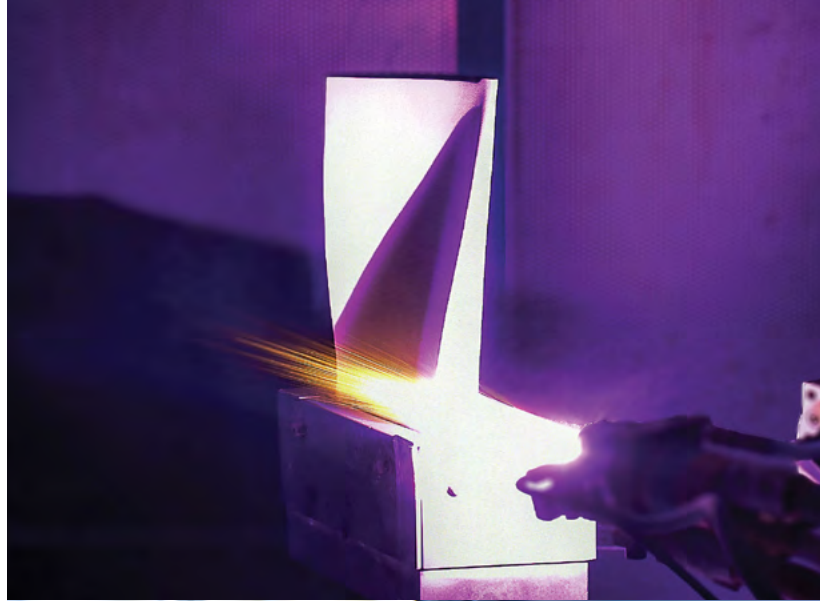
We are hosting significant **experiments** on how our technologies can become a driver for the future development in **Aerospace** and **jet engine** sector. We developed an innovative **top coat** with **SPS** system to combine the uniformity and density of APS with the columnar structure of EB-PVD and a particular **bond coat** with **PVD Arc** system to reach superior properties compared to diffusion (Aluminizing or Pt-Al) or conventional MCrAlY coatings, increasing durability and performance.

Reaffirming our commitment to meet the ambitious challenges of tomorrow's aviation, we integrated both **Laser Metal Deposition** and **Powder Bed Fusion** technology into our processes, with focus on the rebuild of blade's TIP and profile, 3D printing of cooling insert and coupons to recover damaged area and fast tooling.

With never ending investments for distinctive technologies, we are working to a **Digital Twin** approach to predict the impact of our repair processes on the performances, saving time, costs and preventing errors.

# +10%

Revenues invested in R&D per year





# We take care of People and Sustainability

## We face the challenges of our future with Sustainability, a key element of our strategy

ATLA considers **Sustainability** a key element of its **strategy**, setting concrete and ambitious goals in the **economic**, **environmental** and **social** fields. We aim to be respected by **local community**, taking care of our **people**, supporting various **sports**, **cultural**, **artistic** and **scientific** activities.

In the framework of the **Sustainable Development Goals (SDGs)**, we contribute to the **economical growth**, preserving **culture** and investing part of the revenues in **local projects**. Since 2023, we are proud to present the **Sustainability Report**, a **transparent awareness** and **communication** tool, part of a journey toward **Sustainability** that ATLA has decided to implement on a **voluntary** basis.

## We increase our leadership by direct involvement of our People

ATLA is committed to involve employees in **training** and **communication activities** to disseminate and value **sustainable leadership**.

We support the activities of **Insuperabili**, the most **inclusive** soccer club in Italy, active in the development of **sports projects** aimed at children with **cognitive, relational, sensory, behavioral, physical** and **motor disabilities**. The sponsorship is part of the goals of promoting **Diversity** and **Inclusion** in the company, breaking down barriers through moments of **discussion** and **training**.

We provide a **safe workplace** with development projects aimed at **personal growth**. We recently developed our **Corporate Academy** located in the **Rosato Sports Center**, managed by ATLA for **social, sports** and **welfare** activities. The Academy offers meeting rooms for **training** and **events**, with **gym** and **outdoor spaces** available to employees.

We train all employees in **environmental education** and **sustainable production** and **consumption initiatives**. More specifically, the company invests in **renewable energy** sources through a **360 kWp** photovoltaic system, which reduces **emissions** by **20 percent**.

**+ 360 kWp**  
Clean energy produced with photovoltaic





**ATLA S.R.L.**

*Registered Office and production site*

**Via Secondo Caselle, 10  
10023 CHIERI (TO)  
ITALY**

**T (+39) 011 9472346**

**E infoatla@atla.it**

**www.atla.it**



**TAG S.R.L.**

*Registered Office and production site*

**Via Guglielmo Marconi, 9  
23843 DOLZAGO (LC)  
ITALY**

**T (+39) 0341 451222**

**E info@tag.it**

**www.tag.it**



*Production site*

**Via Valle di Sotto, 3/E  
23894 CREMELLA (LC)  
ITALY**

**T (+39) 039 9211324**

**ATLA, all rights reserved.** Trademarks mentioned in this document are the property of ATLA, its affiliates, or their respective owners in the scope of registration. The information contained in this document is merely indicative. No representation or warranty is provided, or should be relied on, that such information is complete or correct or will apply to any particular project. This will depend on the technical and commercial circumstances. Said information is provided without liability and is subject to change without notice. Reproduction, use or disclosure to third parties, without express written authority, is strictly prohibited. Rev\_02-2025.