



sat

70 YEARS
1953 - 2023
ANNIVERSARY



OVENS, FURNACES & INDUSTRIAL THERMAL EQUIPMENT

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● PRODUCTS & SERVICES

Our expertise in convective heat transfer up to 750°C and our extensive engineering experience allow us to offer solutions adapted to your industrial process. As an industrial furnace manufacturer for over 65 years, we have developed a wide range of activities, coupled with an efficient After-Sales Service, which allows us to support the largest industrial companies.

Industrial ovens and furnaces

Our range of standard or customized industrial ovens and furnaces will provide the solution to your project by favoring **precision, reliability** and **ergonomics**. The SAT solution will enable you to achieve the **best thermal dimensioning** (airflow and heating means) based on your products, your process and your layout constraints.



Heat treating furnaces

Resulting from more than 50 years of experience and permanent developments, this range dedicated to **heat treatments for light alloys** (solution treatment, quenching, tempering, homogenization, etc.) showcases our most advanced know-how in terms of thermal performance.

SAT has earned a stellar international reputation in meeting **major decision-makers' most demanding requirements (NADCAP-AMS, BAC, RPS, CQI9)**.



Composite curing process

Based on its historical expertise, SAT offers a product line dedicated to the **curing of composite parts** to serve the most demanding markets: Aeronautics, Automotive, Space, Railway... Beyond the know-how in the heating process (cutting-edge static and dynamic uniformity, dedicated air flow, etc.), SAT offers **turnkey solutions** integrating a complete range of equipment to manage vacuum, pressure, resin injection and process monitoring.



Industrial continuous furnaces / Tunnels

SAT offers solutions combining its **mastery of convective heat transfer** with **continuous production** processes. Our wide choice of possible architectures allows us to adapt to your layout constraints: solid or mesh type conveyor belt, conveyor with braced chains or rollers, rotary hearth furnace, swing trays, spiral conveyor, etc.



Rotational molding & Slush-molding

SAT provides its expertise to the plastics industry by offering the largest range of rotational & slush-molding machines on the market, from **1400 to 7000 mm** in sphere diameter. Multiple configurations: **carousel, turret, rotative shuttle, linear shuttle, laboratory, slush-molding**.



After-Sales Service

Thanks to its wide range of expertise in heat transfer, mechanics, automation, industrial data processing, our after-sales team supports you throughout your entire SAT equipment lifecycle. We offer you the following services: maintenance; supply & replacement of wear parts and spare parts; equipment rental; second-hand machinery for sale; control of mechanical / airflow / thermal performance; modifications; retrofits (including upgrading to safety / ergonomics / process standards); performance enhancement; equipment repurchase; maintenance contract, etc.





THE **STRENGTH** OF A GROUP,
THE **FLEXIBILITY** OF A SMALL,
FAMILY OWNED BUSINESS.



Fully integrated into **JACONELLI DEVELOPPEMENT Group**, together with its sister company Thimon, SAT Thermique is committed to innovation and responsiveness to satisfy the most demanding markets.

The financial stability of our group and the combination of our talents (mechanical / airflow / thermal engineering; automation & industrial IT, services ...) involve us in ambitious investment projects worldwide.

● ABOUT US

- Created in **1953**
- **European** expert in convective heat transfer for industrial processes
- From standard equipment to the most specific tailor-made solutions (complex engineering)
- For over 60 years, we have been striving to provide our customers with **the best solution**, by delivering the highest level of quality throughout the **design, manufacturing, testing** processes, until the **on-site commissioning**.



Heat treating furnace - Quenching of aluminum parts – Aeronautics



Composite curing oven - Curing of thermosetting parts - Aeronautics



Shuttle rotational molding machine with 2 offset arms "C" - Rotomolding of polyethylene parts - Plastics



Tunnel 250 ° C - Thermoforming of plastic tubing - Automotive

● STANDARDS



[AMS 2750]
[AMS 2770]



[BAC 5621]



[RPS 953]



CQI-9



● REFERENCES



Close to two major international airports (Lyon St Exupéry and Geneva), our teams are **highly available** and **responsive** to our French and foreign customers thanks to our strategic position in the heart of one of the European dynamic economic hubs, the Rhône-Alpes region.

We have delivered more than **15,000 equipment** worldwide.

Strongly committed to our territory, we have built close relationships with local subcontractors and suppliers.



Please scan this QR code with your smartphone to access our website.

● OUR MARKETS

