



# HEAT MANAGEMENT SOLUTIONS

HEAT EXCHANGERS AND COLD PLATES



TAT Technologies Ltd.  
Re'em Industrial Park,  
2 Neta Boulevard,  
Bney Ayish 60860, Israel  
Tel: +972-8-8628500  
Fax: +972-8-8621500  
Email: [tat@tat-technologies.com](mailto:tat@tat-technologies.com)  
[www.tat-technologies.com](http://www.tat-technologies.com)





## TAT TECHNOLOGIES COMPANY PROFILE

Established in 1969, TAT Technologies designs, develops, and manufactures customized heat management solutions, including: air-air, air-oil, and fuel-oil heat exchangers; cold plates; and complete cooling systems for the most challenging airborne and ground applications. TAT also designs and manufactures flight critical accessories, including fuel control valves and pumps, as well as a proven line of robust military vapor cycle air conditioning systems for shelters, tents and vehicles.

Our worldwide customer base includes a broad range of leading commercial and military organizations. Our ability to provide clients with optimized, high quality solutions, on-time and to specification, has facilitated the establishment of long term relationships and enabled TAT to achieve a global reputation as a market leader for flight critical products.

TAT understands that its value proposition to its customers should not be limited to excellent performance and competitive pricing for OEM products; but rather must also include superior aftermarket service for maintenance, repair and overhaul (MRO), including the 24/7 availability of spare parts. This effort is supported by our US subsidiaries Limco Airepair and Piedmont Inc., providing a global reach to serve aircraft manufacturers, airlines and support centers in the US, Europe, Asia and the Pacific Region.



TAT Technologies is headquartered in Gedera, Israel. Together with our US and Israeli subsidiaries, we employ over 600 dedicated personnel. We are a public company with shares traded on the NASDAQ stock exchange (ticker "TATT") and thus provide our customers with complete transparency.

TAT Technologies offers "Cool Solutions for Hot Problems". If you are looking for Reliability, Commitment, Expertise and Dedication, TAT Technologies is your perfect Address.





## HEAT EXCHANGERS OEM PRODUCTS

TAT Technologies is a world leader in the design, development and manufacture of heat transfer solutions for military and commercial applications.

Our products cover a broad range of requirements and applications. We design and build Air Cooled Air Coolers, Air Cooled Oil Coolers, Fuel Cooled Oil Coolers, Liquid Oxygen Heat Exchangers, Liquid to Air Heat Exchangers, Vapor Cycle Evaporators and Condensers, Avionics Fluid Coolers and other fluid system cooling.

TAT Heat Exchangers are installed on a variety of Commercial and Military aircraft, including:

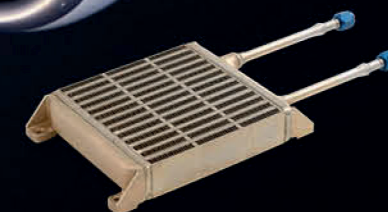
- Boeing F-15 E/I/K/S
- Lockheed Martin F-16
- Airbus A340-500/600
- Bombardier CRJ-700/900
- Cessna Business Jets (all models)
- Pilatus (2 models)
- Airbus A350
- Sukhoi Superjet 100

## HEAT EXCHANGERS MRO SERVICES

TAT Technologies offers comprehensive Maintenance, Repair and Overhaul services to meet the needs of the aerospace industry.

Our facilities are equipped to provide timely, cost effective and high quality services, including cleaning, repair, overhaul and re-manufacturing for a broad range of heat exchangers.

Together with our US subsidiary, Limco Airepair, we offer a unique approach to heat exchanger MRO services that combines the focus of a dedicated MRO facility with the engineering expertise and design knowledge of an OEM.





## ELECTRONIC COOLING SYSTEMS

Advanced high power electronic applications for both civil and military applications are increasingly introduced into harsher environments, where they must endure vibrations, extreme gravity effects, high Mach numbers, seasonal weather effects, and environmental effects (dust, dirt, humidity etc.). Typical applications include:

- Airborne/Land/Marine Radars
- Electronic Warfare Systems
- Airborne pod applications
- RF Generators/Transmitters

In a world of compact systems with increasing power densities, and ever-increasing demands for reliability, low-noise and reduced weight, vacuum brazed cold plates are the preferred cooling technology for high power electronics applications due to the following advantages:

- Optimal weight / thermal performance ratio
- Flexible and modular design
- Adaptability to specific requirements
- Reliability

TAT Technologies offers state-of-the-art solutions from Air / liquid cooled cold plates to complete electronic cooling system for demanding high power electronics applications.



## INFRASTRUCTURE

Production and MRO Services for various Fluid Controls and Accessories are accomplished in our modern manufacturing facility utilizing advanced production and testing technologies.

In order to provide our customers with competitive products that meet their most demanding requirements, TAT Technologies is equipped with a comprehensive scope of in-house abilities that include:

- Engineering
- Manufacturing
- Assembly
- Inspection and testing

TAT Technologies offers a unique approach to MRO services that provides the focus of an independent MRO facility with the advantage of an OEM's engineering expertise.

## QUALITY ASSURANCE

Our goal is to provide our customers with products and services that exceed their expectations. We aim to provide products that meet the relevant quality standards, are reliable, easy to operate and maintain, and represent good value for money.

Our procedures and processes have been audited by regulatory authorities as well as major aerospace companies.

TAT Technologies possesses AS9100 and ISO 9001:2000 certifications and has Self-Release Supplier Status for the Israel Air Force and "Preferred Supplier" and "Excellent Supplier" certifications for Lockheed Martin and Boeing. Moreover, our subsidiaries Limco Airepair and Piedmont are FAA/EASA Approved Repair station (Limco-Piedmont) as well as and Boeing.