



DELIVERING TOMORROW'S TECHNOLOGY TODAY

At AMETEK, we don't just keep up with technology—we set the standard. With 100 years of expertise in certifying products, we bring unmatched reliability and deep industry knowledge. We offer agility and personalized service, backed by the strength, experience and resources of a global leader. That's the AMETEK difference.



Abaco Systems

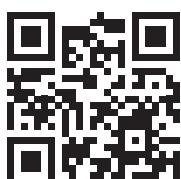
Abaco Systems is a global leader in rugged embedded computing solutions delivering solutions built for the most demanding aerospace and defense applications. With over 30 years of expertise, Abaco delivers a complete, high-performance portfolio of modular systems engineered for speed, reliability and mission success.

Our portfolio includes:

- **Single Board Computers**
- **Secure Networking Solutions**
- **Advanced Graphics & Video Technologies**
- **RF & Digital Signal Processing Systems**
- **Assured Position, Navigation, and Timing**
- **Mission Ready Systems**

Abaco's products are designed for open standards like SOSA™, CMOSS, and OpenVPX—ensuring scalability, interoperability, and long-term viability. These solutions power critical platforms across land, sea, air, and space, supporting tier one leaders such as Boeing, Lockheed Martin, and RTX.

Driven by a commitment to innovation and customer success, Abaco combines advanced engineering with responsive support ensuring speed to development. Contact us today to learn more about the Abaco Advantage and find the solution that fits your mission.



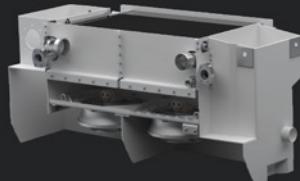
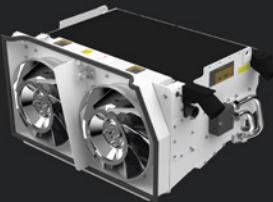
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Engine Cooling Fans



Engine Cooling Systems



Airtechnology

At AMETEK Airtechnology, being a solutions provider is core to our Identity, and our products result from meeting our customer's Thermal Management and Motion Control requirements.

Our experts work tirelessly with our customers daily to produce tailored product solutions that solve their most challenging problems. Over several decades, our experts have produced countless innovative solutions catering to the ever-changing demands of the customers and industries we serve.

Our core competencies:

- **Heating:** Electric Heaters, Fan Heaters
- **Active Cooling:** Air-conditioning, Liquid Cooling Systems, Vapour Cycle Systems, Engine/Gearbox Cooling
- **Fans & Blowers:** Axial, Centrifugal, Mixed Flow, AC/DC, HVDC and Fluid Cooled, Hydraulic and Direct Drive
- **Motion Control:** Motors, Rotary Positions Sensors, Electromechanical Actuators



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 **AIRTECHNOLOGY**
AMETEK



Engineered Interconnect and Packaging (EIP)

AMETEK EIP is the global leader in hermetic interconnect and electronic packaging solutions. With over 70 years of engineering excellence, we design and manufacture high-reliability, end-to-end hermetic systems that protect and enable mission-critical electronics — particularly in the defence sector. Our six strategically located manufacturing sites specialise in advanced hermetic materials and technologies, ensuring global support and tailored solutions for mission critical electronics.

EIP's defense portfolio is engineered to meet the rigorous demands of modern military platforms across land, sea, air, and space. Our hermetic technologies are trusted in missile guidance systems, radar and surveillance platforms, electronic warfare modules, and submarine communications. We ensure performance in the harshest operational environments.

Products:

- **HTCC and IR cooled systems**
- **Hermetic Micro Electronic Packages for sensitive electronics**
- **Hermetic Connectors**
- **Battery seals**
- **Submarine cable assemblies / hull penetrators**
- **Fiber optic feedthroughs and RF hermetic connectors**

Applications

- **Night Vision systems**
- **Submarine sail systems, bow systems, weapon systems**
- **Seekers and guidance systems**
- **Radar and detection systems**
- **Space-based ISR and missile defence electronics**



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FMH Aerospace

FMH Aerospace is a trusted leader in the design and manufacture of flexible metal hoses and high-performance components for the aerospace, defense, space, and industrial markets. With decades of engineering excellence, we specialize in delivering flexible metal hose solutions that meet the most demanding requirements of flight-critical systems.

From commercial airframes to military platforms and space exploration, our flexible metal hoses are engineered to perform under extreme temperatures, pressures, and vibration. Whether you're designing for manned spacecraft, jet engines, or industrial gas turbines, FMH Aerospace provides the reliability and innovation your mission demands.

We offer a comprehensive range of:

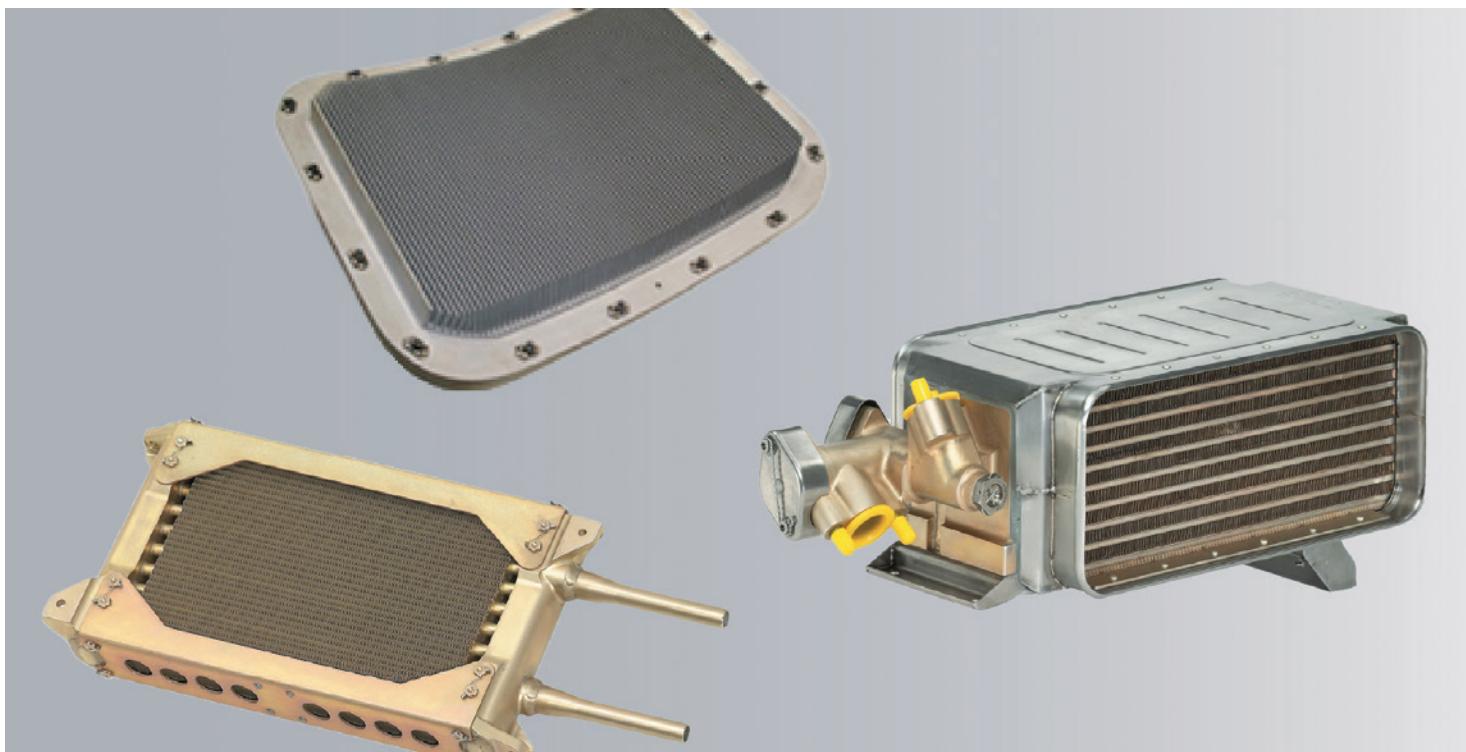
- **Flexible Metal Hoses**
- **Bellows & Bellows Assemblies**
- **Ducts and Tubes**
- **Sheet Metal Components**

FMH Aerospace understands the unique needs of the markets we serve. With over 75 years of experience, our customers trust us to provide them with reliable custom solutions. FMH provides solutions for commercial aerospace, defense, space, industrial gas turbines, engines, and helicopter systems.



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Hughes-Treitler

Hughes-Treitler stands at the forefront of the industry, offering high-performance plate-fin Aluminum/Inconel heat exchangers tailored for Military and Commercial Engine, Rotary, Airframe, and related applications. Our specialization lies in crafting custom solutions to exact specifications, prioritizing thermal performance, weight, structural integrity, and reliability.

HT delivers an array of products including:

- **Engine Surface Coolers**
- **Fuel-Cooled Oil Coolers**
- **High-temperature Buffer/Pre-Coolers**
- **Air-Cooled Oil Coolers**
- **Integrated Heat Exchanger/Fan/Blower/Duct systems**

Specially designed to meet the most demanding application requirements.

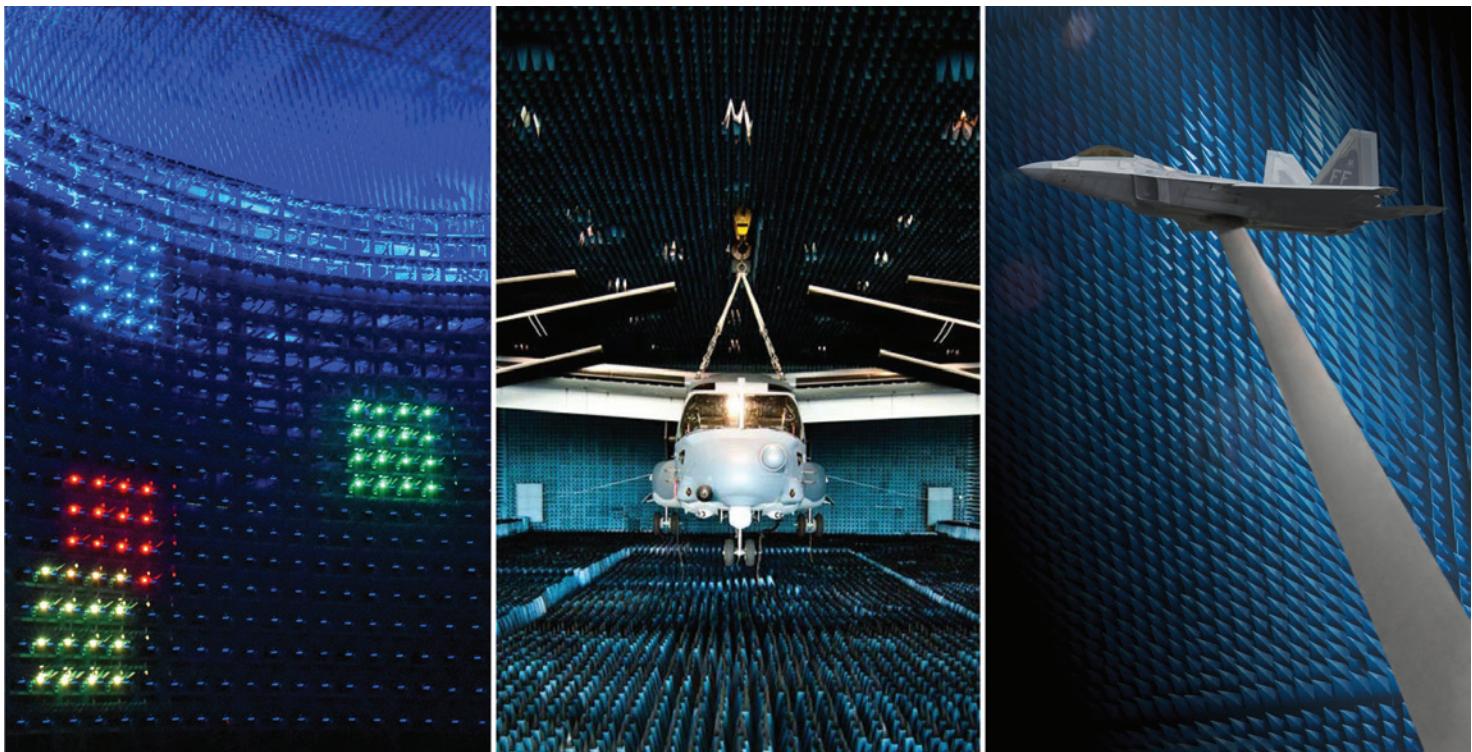


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 **AMETEK Hughes-Treitler**
AEROSPACE & DEFENSE



NSI-MI Technologies

As a global leader in antenna testing, we understand the importance of accuracy and reliability when it comes to characterising advanced RF sensors, which is why we are dedicated to empowering our customers with innovative and dependable technology.

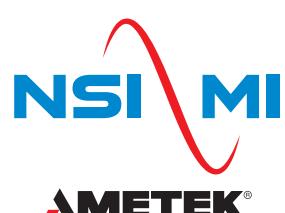
Our turnkey systems are optimised for the demanding challenges of the Aerospace and Defence industry including solutions for:

- **Radar Cross Section (RCS) Measurements** that ensure your platform meets its radar signature design goals. With our sophisticated measurement systems, you can evaluate the RCS of various land-based, sea-going, and airborne platforms, allowing you to make informed decisions.
- **Active Electronically Scanned Arrays (AESA) Characterisation** to verify performance to include measuring a variety of parameters such as power, signal fidelity, beam shape, beam polarisation, beam pointing accuracy, and beam scan or switching rates.
- **Military and Commercial Radome Analysis and Optimisation** for communications, navigation, weather and fire control antennas that must perform as specified to meet safety and mission requirements. Our comprehensive range of products is designed to meet or exceed the requirements radome testing, ensuring their performance and reliability.
- **Real-Time RF Scene Generator Test Systems** that enable simulation of multiple emitters in motion including decoys, threat systems, communication systems, aircraft, and more.
- **Our customizable SYS-AATS** enables comprehensive system-level testing of active antenna systems, ideal for AESAs and transponders across near-field and far-field commercial applications.

NSI-MI, your global partner in RF test and measurement.



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PDS

AMETEK PDS is a global leader in advanced power distribution, motion control, and RF amplifier solutions for the aerospace and defense industry.

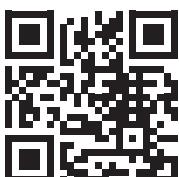
With over 90 years of engineering excellence, AMETEK PDS designs and manufactures high-performance product solutions that include:

- **AC & DC Power Distribution Systems**
- **Starter Generators and GCUs**
- **RF Amplifier Systems**
- **Actuation Systems**

We combine our vast industry expertise with cutting-edge technology to deliver customizable, rugged, and reliable solutions for today's modern military. Our products support critical applications in power generation, motion control, and communications ensuring optimal performance in the most demanding environments.

Our RF Amplifier products play a critical role in wireless and radio communications and include Tactical Booster Amplifiers, Rack Mounted Systems, and Amplifier Modules. With power options from 20 – 75W, fast switching technology, and support for legacy and modern networking waveforms we offer a design for every application including: vehicle, airborne, manpack, drop kit, and shipboard.

Contact us today to learn more about our battle tested product solutions and to learn which product is right for your application.



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Pacific Design Technologies

Pacific Design Technologies, Inc. is a leading contract design and manufacturing company that provides advanced liquid cooling and pumping solutions for space, defense, and commercial exploration applications.

PDT designs, manufactures, and supplies compact, lightweight cooling units to control the operating temperature of mission-critical equipment used by surveillance, targeting and command and control aircraft. Qualified to the highest military standards for environmental tolerance and electromagnetic compatibility, PDT's products comprise a full range of liquid cooling equipment. As required by the specific application, these systems can include any combination of feedback sensors and controls to measure key temperature, pressure, and flow rate parameters.

Our products include:

- **Liquid Cooling Systems**
- **Accumulators and Reservoirs**
- **Thermal Control Valves**
- **Lube and Scavenge Pumps**
- **Coolant and Fuel Pumps**

PDT manufactures two types of Liquid Cooling Systems, integrated, and distributed. Integrated systems allow the customer to take advantage of PDT's ability to package the system with a minimal envelope. Distributed systems are component sets for integration by the customer. Integrated systems are components interconnected as full assemblies ready for installation.



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Rotron

AMETEK Rotron is the leading provider of high-performance AC and brushless DC Fans, Blowers, and Cooling Systems for the aerospace and defense industries. Trusted by companies world-wide, Rotron has been providing the most reliable and durable cooling solutions for over 75 years.

AMETEK Rotron designs and manufactures:

- **Small Vaneaxial Fans**
- **Large Vaneaxial Fans**
- **Tubeaxial Fans**
- **Propeller Fans**
- **Centrifugal Blowers**
- **Inverted Blowers**
- **Thermal Management Systems**

With a vast catalog of thousands of part numbers, we can deliver swift turnaround times for our products, as well as offering customization when required.

We exceed expectations for our customers by providing the most robust, reliable thermal management solutions. Our products are designed to meet stringent standards for shock, vibration, humidity, temperature extremes, salt spray, moisture, and EMI. Our fans can be found in a variety of aerospace applications such as avionics cooling, radar cooling, cockpit ventilation, and EMI Filtration/Protection.

Reliability Matters

AMETEK Rotron understands the unique challenges of the aerospace industry. Cooling plays a critical part in many aerospace systems, many of which are mission-critical. Trust the experience of our engineering team to provide you with a cooling solution to fit your specific needs.



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 **ROTRON**
AMETEK®



Sensors and Fluid Management Systems (SFMS)

For more than 60 years, AMETEK SFMS has delivered the most accurate, rugged and reliable sensors available in the commercial aerospace, military, aeroderivative and industrial markets. Our sensors have been proven and flown on nearly all major aircraft engines and programs across the world.

Our product portfolio consists of:

- **Temperature Sensors**
- **Pressure Sensors**
- **Fuel Gauging Systems**
- **Liquid Level Sensors**
- **Air Data Sensors**
- **Accelerometers**
- **Speed Sensors**
- **Position/Proximity Sensors**

AMETEK SFMS's solutions represent a commitment to excellence, reliability, and customer satisfaction thereby ensuring that operations continue to fly with confidence and efficiency. Whether it's prompt support, innovative solutions, or unmatched care, AMETEK SFMS stands ready to meet the evolving needs of the industry.



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AMETEK®



Solving complex **defence and security** challenges

We solve our customers' most complex challenges by engineering and manufacturing reliable products for all mission-critical commercial aircraft, defence, space and satellite programs.

Our tailored approach and product life cycle support mitigates risk and ensures program success. From material science to mechanical to electrical to sensors and rugged computing, engineered solutions from AMETEK sense and control air, heat, liquids, power, data, and more to make modern aircraft safer, more secure, and more sustainable.

All the while keeping development, delivery and operation on time and on budget. And stabilizing your supply chain with reliable supply of material and components.

Every day, our technology makes a **safer, sustainable and more productive world** a reality.

AMETEK, Inc. is a leading global provider of industrial technology solutions serving a diverse set of attractive niche markets with annual sales over \$7.5 billion.

AMETEK has 21,000 colleagues at more than 230 operating locations, and a global network of sales, service, and support locations in 35 countries around the world.

Our mission is to solve our customers' most complex challenges with differentiated technology solutions. Several leading businesses within AMETEK design and manufacture OEM parts, test equipment, components and materials for the Commercial Aerospace, Defense and Space industries.

Scan for more information

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