



## About VAC AERO International Inc.

**VAC AERO is a leading vacuum furnace manufacturer and metallurgical service provider to aerospace and high-tech industries worldwide.**

A pioneer in vacuum heat treating since 1959, VAC AERO is one of the world's largest subcontractors for processing landing gear components for global aerospace prime contractors. Since then VAC AERO has expanded its operations to offer a host of other metallurgical service including specialized applications in vacuum heat treating, brazing and oil quenching, plasma and HVOF spray coatings as well inorganic paint and pack coatings.

VAC AERO is accredited to NADCAP and AS9100B standards for heat treating, welding and tensile testing and holds numerous customer approvals from major aerospace prime contractors. VAC AERO operates heat treating and coating facilities in Canada, Poland and India and has world-wide sales representation.

## FURNACE MANUFACTURING

**VAC AERO has been building Vacuum Furnaces since 1970 and specializes in the design and manufacture of standard or custom gas quench vacuum furnaces.**

Decades of commercial heat treating experience has provided VAC AERO with a keen understanding of the design and performance of vacuum furnaces to meet end-users' stringent requirements for durability, reliability, productivity and efficiency.

VAC AERO offers a complete line of heat treating and brazing furnaces, from small horizontal laboratory units to large, vertical models. VAC AERO furnaces operate worldwide in diverse applications in a variety of industries such as; turbine engine component manufacture and repair, medical bone implants, nuclear materials, tool and die manufacturing, research and other high-tech industries.

## HEAT TREATING SERVICES

**VAC AERO possesses a wide array of equipment and capabilities to meet our customers' challenging requirements and diverse processing needs.**

VAC AERO specializes in vacuum heat treating and brazing of advanced materials and holds numerous customer and quality system approvals from prime manufacturers in aerospace and other high-tech industries. VAC AERO has the equipment and expertise to process a wide variety of materials including steels, superalloys, aluminum and titanium for such diverse applications as aircraft landing gear and structural parts, aero and land-based turbine engine components, nuclear components and a host of other specialized applications.

## COATING SERVICES

**VAC AERO's Quebec, Canada facility is equipped for applying a variety of protective coatings to both small and large components and specializes in developing new coating solutions.**

VAC AERO offers a variety of coating processes for protection and restoration of both new and service-exposed components. Services to the aerospace and high-tech industries include; plasma and HVOF spray coatings, inorganic paint and pack coatings as well as grinding and shot and glass bead peening. Extensive knowledge and experience, coupled with a unique approach to understanding client's challenging needs and requirements has positioned VAC AERO as a leading provider of innovative surface engineering and coating solutions. VAC AERO operates coating facilities in Canada and Poland.