

Amphenol Aerospace & Amphenol Industrial Operations



Amphenol Aerospace (AAO)

We take pride that Amphenol-Aerospace is the undisputed leader in interconnect systems for aerospace/harsh environment applications. Such applications require a high degree of engineering sophistication and precision manufacturing capability that only a company that has been in the interconnection product design and manufacturing business for over 100 years can offer.

The AAO, Amphenol Aerospace division of Amphenol Corporation is the leading manufacturer of military aerospace connectors in the world. Brand names include Amphenol®, Pyle-National® and Matrix®.

An important segment of Amphenol Aerospace is the Amphenol Backplane Systems (ABS) facility in New Hampshire. With over 30 years of experience, ABS is the leading manufacturer of custom backplane interconnects for military and aerospace programs. Another Amphenol facility is Advanced Circuit Technology, Inc. or ACT, where flex circuitry products are manufactured.

Amphenol Industrial Operations (AIO)

Industrial Operations of Amphenol was consolidated and made a separate division in 2001 in order to give increased focus on the commercial, industrial interconnection marketplace. Dedicated to meeting customer needs for industries such as process control, factory automation, power generation plants, heavy equipment and mass transportation, Amphenol Industrial products meet a multitude of these applications with cost effective and reliable interconnects.

Amphenol Facilities and Distribution Support

The main facility which houses both the AAO and AIO Amphenol divisions is located in upstate New York and is over 675,00 sq. ft. (photo below). This incorporates state-of-the-art manufacturing technologies, product engineering and development. The facility is both ISO9001/AS9100 certified and qualified to MIL-STD-790 requirements.

Four satellite plants (shown right) have extended manufacturing, engineering and production responsibilities. All facilities have the same stringent quality standards that are carried out through design, process control practices in manufacturing and through customer commitment in marketing and sales. Amphenol Aerospace and Amphenol Industrial Operations are each supported by large distributor networks all over the world.

The Corporation of Amphenol employs approximately 13,900 people* on a worldwide basis and has manufacturing and assembly operations in the Americas, Europe and Asia.

* Reported in the Amphenol Corporation 2003 Annual Report.



Amphenol Backplane Systems (ABS) facility in Nashua, NH houses the manufacturing, design and engineering of backplane systems.



Amphenol Advanced Circuit Technology facility in Nashua, NH houses the manufacture, design and engineering of flex circuit products.



Amphenol facility in Nogalas, Mexico houses the manufacture of several industrial and aerospace connector product lines.



Amphenol Power Solutions in Fraser, MI houses the manufacture of RADSOK® and power cable products.

The main facility of Amphenol Aerospace and Amphenol Industrial Operations is located in upstate New York and has been in the interconnection product marketplace since World War II.

Manufacturing capabilities include state-of-the-art CNC machining, die-casting, molding, impact and extruding, plating, screw machining and process controls.

A fully equipped material evaluation laboratory and a highly qualified engineering support organization provide the degree of experience and skills for development, testing and quality production of the interconnects demanded in today's military, aerospace and industrial arenas.

Amphenol Aerospace operates Quality Systems that are certified to ISO9001: 2000 by third party Registrars.