



Contract Manufacturing Capabilities

 **Truly American-Made**
in Superior, Wisconsin



Your Arctic Edge.

Arctic Compressor now offers custom end-to-end contract manufacturing, bringing our high-pressure engineering to your next project. Our single-source capabilities cover your product's entire lifecycle, spanning initial concept and design, strategic sourcing, advanced production, and final warehousing and shipping. From CNC tube bending and pneumatic panel assembly to custom industrial printing, we provide the specialized tools and technical mastery required to take your ideas from concept to completion.

Service Category	Core Capabilities	Equipment & Technical Standards
Control Panels	Full fabrication and assembly of various types of pneumatic control panels and instrumentation.	Components: Fluid-filled gauges, manifolds, and valves. Rated for high-pressure gas/fluid applications.
CNC Tube Bending	High-speed, high-precision bending of complex geometries and 1/4" - 1/2" diameters.	BLM Group 4RUNNER; Materials: Aluminum, copper, and stainless steel.
Direct-to-Object Printing	Large-format UV LED printing for branding, schematics, and industrial labeling.	RolandDGA VersaOBJECT CO-640i-F3; Max Print Area: 63.4" x 98.4"
High Pressure Hose and Tube Fabrication	Custom high-pressure breathing air hose assembly and stainless steel tube fabrication.	Hose ratings up to 7,000 psi working pressure. Variety of options to choose from for hose ends and tube end crimping.
Custom Enclosures	Precision sheet metal fabrication to meet your specific requirements.	Efficient spot welding processes and powder coated finishing options.
Testing & Quality	In-house high-pressure air testing available when required to ensure system integrity and quality.	Testing performed in-house for quick turnaround and accurate documentation.

Specialized Equipment & Value-Add Services



Precision Finishing:
Our Roland VersaOB-JECT CO-640i allows for high-fidelity printing directly onto flat surfaces, eliminating the need for stickers or third-party labeling.



Advanced Crimping:
Dedicated hose and tube end crimping stations for leak-proof, high-pressure reliability.

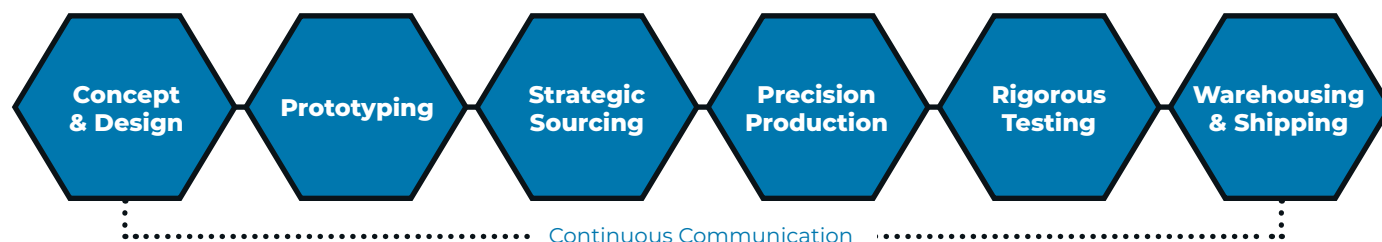


Spot Welding:
Enables fast processing and robust adhesion of custom sheet metal enclosures and bracketry.



Tubing Versatility:
Precision bending of stainless steel, copper, and aluminum tubing ranging from 1/4" to 1/2" diameter.

Our Process:



1. Submit Your Project Specs

To provide an accurate quote and lead time, please provide the following:

Tube bending: 3D CAD models (.STEP or .IGES preferred) and detailed 2D drawings with bend radii and tolerances.

Pneumatic Control Panels: System schematics, flow requirements (CFM), and desired working pressure (PSI).

Custom Printing: High-resolution vector artwork (.AI, .EPS, or .PDF) and placement dimensions.

Hose/Tube Fab: Overall length, end-fitting specifications, and fluid type.

2. Engineering & Proposal Review

Our team will perform a **Design-for-Manufacturability (DFM)** review to ensure your project meets our high-pressure safety standards. We will provide a formal quote including material sourcing, production timeline, and shipping estimates.

3. Precision Production & Testing

Once approved, your project enters our **Superior, WI** facility. Every order undergoes our rigorous quality control testing process to ensure 100% accuracy before it ships from our facility to you.

Ready to Request a Proposal?

Contact our Contract Manufacturing Team:

Email: sales@arcticcompressor.com

Phone: (715) 718-3065

Web: arcticcompressor.com/QuoteForm