

FOOD PROCESSING

INDUSTRIAL

PHARMACEUTICAL

VACUUM

Shaping
bright
ideas
into
brilliant
results

Celebrating
75
YEARS

WE MANUFACTURE
CRITICAL COMPONENTS,
ASSEMBLIES AND
TURNKEY EQUIPMENT

AndersonDahlenInc.



Seven decades
of sharpening
the Anderson
Dahlen edge.

For over 75 years, we've been providing world-class specialty alloy fabrication and equipment integration services to leading multinational companies ... continuously shaping bright ideas into brilliant results.

To what do we owe our success? Several unique Anderson Dahlen advantages.

- Unparalleled craftsmanship and expertise
- Single-source responsibility
- Confidentiality – total protection of your proprietary designs
- Accountability – a skilled, responsive project management team assigned to every project

OUR PROCESS: Design/Engineer

Collaborating closely with your team, we interpret ideas and refine the engineering to create intelligent, manufacturable designs – it's part of the Anderson Dahlen edge.....>

Unparalleled craftsmanship and expertise from a single source.

Total control ... your entire project is managed by Anderson Dahlen, from initial design through final assembly, test and delivery. Our resources become your resources. And you can rely on us for support after the product is delivered and in service. Our goal is to make your product or process better.

We offer extensive design and engineering support, whether you bring us a hand-sketched concept or a finished 3D model and detailed specifications. Our team of experienced engineers and skilled craftsmen utilize the latest manufacturing technologies available to support your requirements.

- Extensive raw material inventory on hand – stainless sheet, bar, pipe, tubing and plates to 4" thick – allows us to react quickly and reduce project lead times.
- Complete in-house fabrication services including laser and water jet cutting up to 8" thick materials, sawing to 24" diameter, metal forming to 16' and plate rolling to 12' length.
- Complete in-house machine shop featuring 8 CNC boring mills with travels up to 236" x 138", 17 vertical machining centers with travels up to 240" x 102", 13 CNC live tool horizontal lathes with travels up to 315" long and 51" diameter, 2 CNC vertical lathes with live tools with travels up to 78" diameter and 75" under rail.
- Over 80 certified welders on staff, including four Certified Welding Inspectors providing TIG, MIG, Sub-Arc, Orbital and automatic seam welding utilizing hundreds of qualified weld procedures covering AWS, ASME and API.
- Complete metal finishing capabilities – grinding and polishing to a wide range of finishes including mirror finishes; glass bead blasting also available.

"You guys do spectacular work ... such perfectly polished seams! Thank you for getting it overnighted to me. Anderson Dahlen is the first on my list to get the special things done from here on out."

- Tim, Wonder Works Unltd.

We set up and run each job independently. Because we manage custom projects with 1-off builds and production orders on critical timelines, all our fabricators need to be skilled in all aspects of the fabrication process to assure positive results.....>

OUR PROCESS: Fabricate



Confidentiality is paramount; *it's your design.*

“
Their willingness to spin a large part well off axis made it possible. Their attention to detail made it a success. Equally praiseworthy is their communication during the manufacturing process, assuring the best part.”

- John Rogers
Engineering Technician Lead
University of Washington Dept.
of Aeronautics & Astronautics

Anderson Dahlen specializes in custom projects and contract manufacturing. Our manufacturing ranges from unique, 1-off items to continuous manufacturing. No two projects are the same, and our engineering resources are available to help optimize design and manufacturability. Each customer's design is proprietary, so we diligently protect confidential information for all customers.

We partner with companies to solve unique challenges, fabricating specialty alloy raw materials into critical finished products for a variety of industries:

FOOD PROCESSING

Food processing components and equipment used worldwide by large multinational corporations and smaller specialized companies.

INDUSTRIAL

Industrial products for mixing and blending, reacting, refining and separation of wet or dry materials. Also components and assemblies used in nuclear reactors.

PHARMACEUTICAL

Pharmaceutical grade vessels and equipment for blending and batching ingredients for both liquids and powders. Also jacketed tanks, components and equipment for bio-reactors and extractors.

VACUUM

We fabricate custom chambers, components and integrated equipment for advanced research and manufacturing. Applications range from high vacuum (HV) to extreme-high vacuum (XHV).

OUR PROCESS: Machine/Weld

With some of the largest machining equipment in the Upper Midwest and over 80 certified welders, we're equipped to handle virtually any project, large or small, simple or complex.....>

High-value project management.

Our partnership with Anderson Dahlen has allowed us to direct our resources into customer service, pure engineering and pasta processing technology. This has been a tremendous strategic advantage for Demaco; our assets and resources are precisely focused on the activities that matter most to customers. As a result, we are outpacing our competition in both innovation and growth. When it comes to quality manufacturing, we have absolute confidence in Anderson Dahlen. Our teams work so well together; each a mutually supporting extension of the other.”

Joe DeFrancisci, CEO Demaco

Every project is managed by a knowledgeable and highly responsive support team. These internal advocates are at our facility each day and will attend to every detail and stay in close communication with you as your project moves to completion.

Our project management system follows this proven five-step methodology:

- Initiate – Our team works closely with the customer team to determine and document the requirements for the project.
- Plan – Work is planned and categorized as engineering, fabrication, assembly, inspection, testing or installation to meet the customer's delivery requirements.
- Monitor and control – Our project management team regularly monitors and reports on progress milestones, facilitating change requests or drawing revisions, ensuring your project stays on track.
- Inspection and test – We build a specific test plan for every project to ensure all customer requirements are met and the product performs as needed. Inspection packages, including all required signed documentation, are provided to the customer prior to product shipment.
- Follow-up and follow-through – After-sale support is provided as needed to maintain peak product performance and ensure the lowest total cost of ownership.

OUR PROCESS: Assemble

Assembly services range from simple piece assembly to full-on, large-scale and highly complex construction. We will also test assemble a project to ensure a trouble-free installation.....>



Our goal: 100% on-time delivery, 100% customer satisfaction, zero defects.

We collaborate with customers to review specifications and develop a quality plan at the start of every project. Doing so ensures that the correct checks are performed at the proper time in the manufacturing process, eliminating surprises at the end.

Inspection packages, including all required signed documents, are provided to the customer prior to shipment, ensuring that all specifications and performance requirements have been met.

- ISO 9001 certified
- ASME section VIII Division 1 pressure vessels including miniature and repair
- ASME B31-1 and 31-3 Power Piping and Process Piping
- Components and enclosures that meet Nuclear Quality Assurance (NQA-1)
- In addition to dimensional inspections, a variety of weld inspection processes are available, including visual, dye penetrant, magnetic particle, ultrasonic flaw detection x-ray and hydro testing, among others
- Anderson Dahlen maintains complete material traceability to the mill of origin for all raw materials that enter our facility

“Thank you and your team who assisted me during my visit. Both the customer and I were hugely impressed with everything from start to finish. The actual FATs were one of the smoothest that I have experienced in 20 years. I look forward to working with you in the future.”

- Martin Kelly, Thermo Fisher

FINAL PROCESS: Test/Support

Anderson Dahlen's robust quality system and customized quality plan ensure that your project has been confirmed to meet the specifications you require.

Experience a higher level of partnership.

Anderson Dahlen partners with our customers to provide customized solutions that range from the design and build of turnkey systems to the manufacturing of individual component parts and assemblies. Our decades of experience in manufacturing and project management allow our customers the confidence to let us manage the project for them.

Since 1942, Anderson Dahlen has been providing unrivaled service and customized results to companies both local and global. We have the experience and expertise, as well as the latest manufacturing tools and technology, to efficiently handle your most challenging projects.

Experience the way we support our customers, and you will see why many of them have been with us for decades.

Contact Anderson Dahlen for your next project:
call 763-852-4700 or visit **AndersonDahlen.com**



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