

MADE TO ORDER.

MADE TO LAST.



We're just the people you need for your just-in-time projects.



Every high-quality, just-in-time manufacturing project has to start somewhere. So, why not start your next just-in-time project with a company that has the capability to take your ideas and objectives, and transform them into exceptional products?

Solid experience in manufacturing

Crawford Company's industrial divisions specialize in laser cutting, welding and custom fabrication. Our work ranges from producing and installing everything from heating, air conditioning, plumbing and ventilation components, to creating custom architectural products.

Quick turnaround

Because we have the resources in-house to design, cut, fabricate, install and service our products, we're able to streamline the amount of time it would normally take for a client to have their product travel from one fabricator to another before it's finally completed. Some projects can even be turned around in as little as a day.

Bring us your ideas. We'll take care of the rest.

At Crawford Company, our clients know they can count on us to take care of everything—from concept to completion.

Our involvement begins during the design phase. We have our own engineering staff, which differentiates us from other fabricators. For our clients, this saves them from having to consult one firm for engineering expertise, and another to complete the rest of their project.

Plus, our team of highly skilled technicians, fabricators and designers work closely with our clients to make sure they're getting just what they want, when they want it.

Quality that measures up

From the moment a Crawford Company product first takes shape on a computer screen to the point it's delivered or installed, it goes through a series of quality checks made by our experienced technicians using the latest in quality system technology. In fact, we're one of the few companies in our industry to utilize a parts laser inspection system that checks the engineering specifications of our finished parts.

The Virtek® LaserQC® is a rapid inspection system that employs lasers to measure the accuracy of two-dimensional and three-dimensional parts to tolerances within .002 inches (.05 millimeters.) By pinpointing any errors, it helps reduce the amount of scrap and rework that can result from flawed parts, thereby lowering overall production costs.



“Quality is the main focus throughout all phases of every Crawford Company project.”

Competitive pricing

Our extensive capabilities, including high tech equipment, expert fabricators and time-tested processes make it possible for us to keep costs down and pass the savings on to our customers.



LASER CUTTING

With our four versatile laser cutting machines, we can offer complete laser cutting services for mild steel, stainless steel, tool steel, aluminum and plastics.

- ◀ Crawford Company's Balliu 2010 laser cutter easily takes on $\frac{3}{4}$ " hot roll, $\frac{3}{8}$ " stainless steel and $\frac{1}{4}$ " aluminum. Its 3,500-watt output allows for higher cutting speeds and results in considerable cost savings.

- ◀ One of our cutters features two large 78" by 157" pallets, one of the largest beds in the region. Here it's shown cutting $\frac{1}{2}$ " mild steel.

- ◀ Crawford's laser division is one of the most experienced laser teams in the Midwest. This fact assures the most cost-effective processes with regard to material use and over production to save customers time and money.

Fort Lee Case Study



Client: U.S. Army Post, Fort Lee, Virginia

Challenge: Fort Lee trains entry-level soldiers in the maintenance and repair of military vehicles, all in the same 272,000 square-foot facility. Our team participated in the system design and equipment selection from the outset of the project.

Solution: Crawford was contracted by its Monoxivent affiliate, a manufacturer of exhaust eliminating equipment, to address the problem by fabricating and then transporting 82 over-sized reels to the military base. The reels, which weigh 1,100 pounds each, were designed to connect to vehicle tailpipes and exhaust emissions from the facility.

Client: Schwiebert Riverfront Park,
Rock Island, Illinois

Challenge: As part of a revitalization of its downtown, the City of Rock Island sought to build an urban family-friendly park. It was determined that the site should be well lit but in a tasteful way.

Solution: Crawford Company helped develop a signature look for the park with accent lighting that helps to make the attraction a safe, secure and inviting environment along the city's riverfront. Today those components are recognized as a key part of the site's overall look and feel.

Schwiebert Riverfront Park Case Study



WELDED FABRICATION



The primary focus of our fabrication division is to provide solutions for our customer's unique applications, from design phase through delivery. Our craftsmen specialize in working with a wide array of materials to suit your needs.

In the general manufacturing field, we routinely fabricate prototypes, produce parts and build sub-assemblies. Our capabilities include a full range of fabrication applications on materials up to 1/2"-inch plate.

Fabrication Capabilities:

- Architectural products
- Chutes
- Conveyors
- Custom projects that use stainless steel, aluminum, black iron and galvanized metals
- Environmental control
- Food processing
- High temperature applications that include Hastelloy and Inconel
- Mixers
- Production forming
- Stacks and tanks
- Ventilation systems
- Work platforms

Production welding was used to fabricate these high-temperature exhaust assemblies. Tungsten inert gas welding was used to ensure weld quality and visual appeal.



A fabrication specialist checks the first formed part to ensure dimensional accuracy.



This door assembly was roll-formed to customer specifications.



Fort Stewart Case Study



Client: Fort Stewart and Hunter Army Airfield, Liberty & Bryant counties, Georgia

Challenge: Each day, military service personnel in Fort Stewart service M1 tanks in the base's maintenance facility for oversized military vehicles. However, without any ventilation, operating the tanks during repairs could be dangerous to the technicians working there.

Solution: Monoxivent, an affiliate of Crawford Company, recommended using exhaust stacks to help remove harmful fumes from the facility.

Crawford responded by fabricating six 11-gauge 304 stainless steel exhaust stacks that are 24" in diameter. Stainless steel was chosen, for heat considerations, due to the high exhaust gas temperatures of the tanks.

Client: Rock Island Arsenal, Rock Island, Illinois

Challenge: Each winter ice would build up on an uncovered walkway outside an office building on the army base. Crawford's team was called upon to find an aesthetic, yet practical solution for the canopy.

Solution: After assessing the situation, it was determined that a canopy was needed to divert ice away from the building's walkway. However, the building, like all of the original buildings constructed on the Rock Island Arsenal, dates back to the late 1800s and is designated as a National Historic Landmark. So, we took on the project knowing that alterations to the structure couldn't detract from the building's historic character.

We used welded fabrication to build a custom-designed clear acrylic panel with bronze finish. The result was an aluminum structure canopy that was functional, while tastefully keeping with the building's architecture.

Rock Island Arsenal Case Study



For more information on how Crawford Company can lend its expertise in design, laser cutting and welded fabrication to your next just-in-time project, contact us. We're here to help you—from concept to completion.

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