

Versatility & Precision

Welded Fabrication & Laser Cutting



When you need just-in-time manufacturing support in the form of precise laser cutting or custom welded fabrication, Crawford is the call to make.

Laser cutting

Crawford offers complete laser cutting services for a variety of materials, from mild steel and stainless steel to tool steel, aluminum, and plastics. Crawford currently employs four versatile machines to meet a variety of demands:

- Laser #1 features two large pallets 78" x 157", each with a 2000-pound capacity and a bed accuracy +/- .002" and was re-built in 2008. The laser is a 2000-watt Rofin Sinar. The laser has a pierce/cut at 1/2" for mild steel, 1/4" for stainless steel and galvanized, and 1/8" for aluminum.
- Laser #2 features linear drives and a 60" x 120" dual bed. The cutting capacities are: 3/4" hot roll, 3/8" stainless steel, and 1/4" aluminum. The state-of-the-art machine features the latest technology available. The 3500 watt output allows for higher cutting speed and allows for more competitive pricing.
- Lasers #3 and #4 each feature a 60" x 120" dual bed for more efficient operation. They have a 1000-lb. bed capacity and are 2000-watt machines.

Our extensive capabilities make it possible to offer competitive pricing and the benefits that come from working with one of the most experienced laser teams in the region. For a free estimate, simply send an email (with an attached .dxf file) to info@crawford-company.com.

Welded fabrication

Crawford's Specialty Welded Fabrication Division has been an important part of the operation since 1985. Our primary focus has been the food processing industry with an emphasis on stainless steel fabrication for material handling, control panels, work stands, and other products that support the manufacturing process.

A growing part of our work is in general manufacturing. We routinely fabricate prototypes, produce parts and build sub-assemblies. Our full range of fabrication capabilities allow us to work with material up to one-quarter inch plate. When heavier materials are a part of the equation, we maintain a network of sources to augment in-house capabilities.

Current fabrication specialties:

- Architectural products
- Food Processing
- Conveyors
- Mixers
- Production forming
- Ventilation systems
- Stacks
- Tanks
- Environmental control
- Work platforms
- Chutes
- Custom projects using stainless steel, aluminum, black iron, and galvanized metals

Laser parts 2d/3d inspection

Our industrial fabrication divisions use a premier self-calibrating 2D/3D parts Laser Inspection system. Crawford is the only company in the Quad Cities region to offer 3D scanning technology from VIRTEK. Crawford dramatically increases throughput with the new scanner. The system is designed for First Article Inspection, Quality Reporting (SPC, ISO, Lean, etc.), Reverse Engineering, and provides Automatic Formed Inspection. The scanner captures over 500 data points per second to make part inspections laser-fast, right on Crawford's shop floor.



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