



# Sheet Metal Fabrication

XLI Corporation offers a complete array of precision sheet metal fabrication related services including:

- Shearing
- Punching
- Stamping
- Forming
- Joining
- Welding
- Machining
- Grinding
- Deburring
- Assembly
- Coating
- Painting
- Plating
- Silk Screening

## CNC Laser Machining

Computer Numerically Controlled (CNC) laser machining can be used in a wide variety of materials including aluminum, steel, and stainless steel. The process creates clean edges and leaves only a small heat affected zone to produce components that are stress and burr free.

CNC programs for laser machining can often be created on our computer systems directly from your CAD drawing files. With laser machining under complete CNC control, XLI can provide you with finished parts in less time and at reduced costs.

## CNC Punching

Our CNC punching services include standard tool, multi-tool, and tool rotation capabilities to provide cost effective production of blanks. We also can provide custom tooling, CNC laser machining services, or the combination of technologies which best meet your requirements.

## CNC Forming

Our CNC forming equipment allows many types of complex components to be formed completely in a single step for improved quality, consistency, and productivity. We also have complete internal support for designing and building specialized press brake tooling when required for your project.

## Welding and Riveting

XLI provides spot welding of steel or stainless steel and Metal Inert Gas (MIG) or Tungsten Inert Gas (TIG) welding of steel, stainless steel, or aluminum. We also provide riveting services for joining components and complete cosmetic grinding and finishing services.

## Assembly Services

XLI manufactures mechanical and electromechanical assemblies in prototype to production quantities. As part of this, we can provide PEM, Captive, Southco, and custom hardware insertion; electrical, electronic, and mechanical components, coating; painting; plating; silk screening; or testing services as needed to deliver completed and fully functional and tested assemblies for your use. Please see our Assembly and Test Services data sheet for more details.

Whether you need prototypes, pilot runs, Just-In-Time (JIT) production, or lean manufacturing based support, choose XLI as your source for precision sheet metal fabrication services.

Call us today to experience the XLI advantage on your projects.



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