



*Industrial Applications  
...Concept to Completion*

# FABRICATION SERVICES

## SHEET METAL AND WELDING SUBCONTRACTING SERVICES

### Sheet Metal Services:

- Materials – Carbon Steel, Aluminum, Plastics, Stainless, Mesh, Extruded Aluminum Structures
- Fabrication (Brackets, Guarding, etc.)
  - Precision/Non-Precision
  - Built to Client Specifications or Prints
  - Field Design/Measurement, Then Build
  - Prototype, Production and Repair
  - Low and High Volume Quantities
  - Installation Services
  - On-Site Repairs
- Custom Ductwork – Build to Specification, or Field Measure/Build
  - Supply and Exhaust duct (Low to High Pressure, Room Air and Chemical Exhaust)
  - Chutes
  - Exhaust Hoods
  - Hoppers
  - Duct Fittings
  - Misc. General Widgets
  - Installation Services
  - On-Site Repairs
- Machine Safety Guarding
  - Assessments, Design, Fab, Install, per OSHA Guidelines

### Welding Services:

- Materials – Carbon Steel, Aluminum, Stainless Steel, Cast Iron
- Exotic Metals – Monel, Titanium, AL6XN, Hastelloy
- Certified AMSE Welding Processes for Gas Metal Arc, Gas Tungsten Arc, Stick, Wire Feed
- Prototype, Production and Repair
- Low- and High-Volume Quantities
- Process Pipe Welding, with X-Ray Verification
- Vessel – Fabrication (U Stamp Cert.) and Repair (R Stamp Cert.)
- Plastic Welding – Fabrication and Repair
- Silver Soldering Processes
- Tool Welding Repair (Most Metals)

Optimization was founded with a passion for manufacturing and the desire to provide industrial clients with a single source for projects ranging from simple upgrades and maintenance to turnkey solutions. We provide mechanical and process engineering and design, automation and systems integration, skilled trades fabrication and maintenance services for a variety of industries. Our ultimate goal is to develop lasting relationships with our clients, partnering together to promote and advance manufacturing.

