

# **CUSTOM METAL FABRICATION**

With over 200,000 square feet of advanced sheet metal fabrication machines and commercial metal forming equipment, The Lyons Companies is a one-stop shop for expert design, prototyping and manufacturing of custom metal components. Our state-of-the-art technology and strict quality control ensures you receive the quality you expect with jobs delivered on time at a competitive price.

## Lyons specializes in a variety of capabilities, including:



### Engineering

CAD (Computer Aided Design) and CAM (Computer Aided Manufacturing) technology performs automatic CNC programming, optimum material utilization, and part validation.

### **Multi-Bend Folding**

RAS Multi-Bend Centers with Robotic Sheet Feeders allow for multiple forming operations on the same part without die change.

### **Laser Cutting**

Laser Cutting machines feature "Dynamic Power Control" to process the most intricate parts; short lead times on prototype and production runs are possible.

### Welding

Expertise ranges from the most delicate TIG welding to production robotic MIG welding of the largest fabrications of all materials.

### Finishing

Expertise includes stainless finishing for consumer appliances and a state-of-theart powder coating system designed to process components of various sizes and quantities.







#### Punching

"Strippit" CNC Punching machines offer a highly flexible alternative to hard tooling cost with Auto-Index tooling.