



THE LYONS COMPANIES

For more than 60 years, The Lyons Companies have been providing advanced custom metal fabrication services and high-quality industrial, appliance and store fixture products to companies throughout North America.

An experienced group of on-staff design engineers works with customers from design to prototyping all the way through manufacturing and assembly. Lyons' 200,000 square foot facility in Louisville, Kentucky houses state-of-the-art machinery and support systems, allowing us to design, fabricate, assemble, package and ship customized metal components and finished products to meet diverse customer requirements.

LYONS Capabilities

Engineering and Design

Our on-staff design engineers use the latest in engineering and design tools, including Auto-CAD, Solidworks and CAM technology, to optimize material utilization and provide part validation for all projects.

Multi-Bend Folding

Our two automated robotic RAS Multi-Bend Centers and Robotic Sheet Feeders allow multiple forming operations on the same part without having to change dies, speeding up production and lowering costs.

Finishing

For stainless steel, Lyons provides silk screening as well as 30 finishing and polishing stations for high-end consumer appliances.

Powder Coating

We have a 5-stage wash system for our powder coat line to create an exceptionally smooth and unblemished appearance. Our paint line prevents rust and can handle parts up to 8 feet long.

Forming

With our press brakes Lyons can form metal up to 10 feet long. The brakes all feature 6-axis control, allowing excellent range of motion and movement to form product multiple ways.

Punching

Using Auto-Index tooling, our "Stripit" CNC punching machines offer a highly flexible alternative to expensive hard tooling.

Welding

From the most exacting TIG welding to robotic large-scale MIG welding, Lyons has more than 40 welding machines and stations to fabricate any material.

Laser Cutting

Our laser cutting machines feature Dynamic Power Control, allowing us to process the most intricate parts. We offer short lead times on both prototype and production runs.

Assembly

Two highly-trained and fully-staffed assembly departments construct and assemble industrial products and store fixtures. From here, products are expertly packaged and shipped to the customer.

Program Management

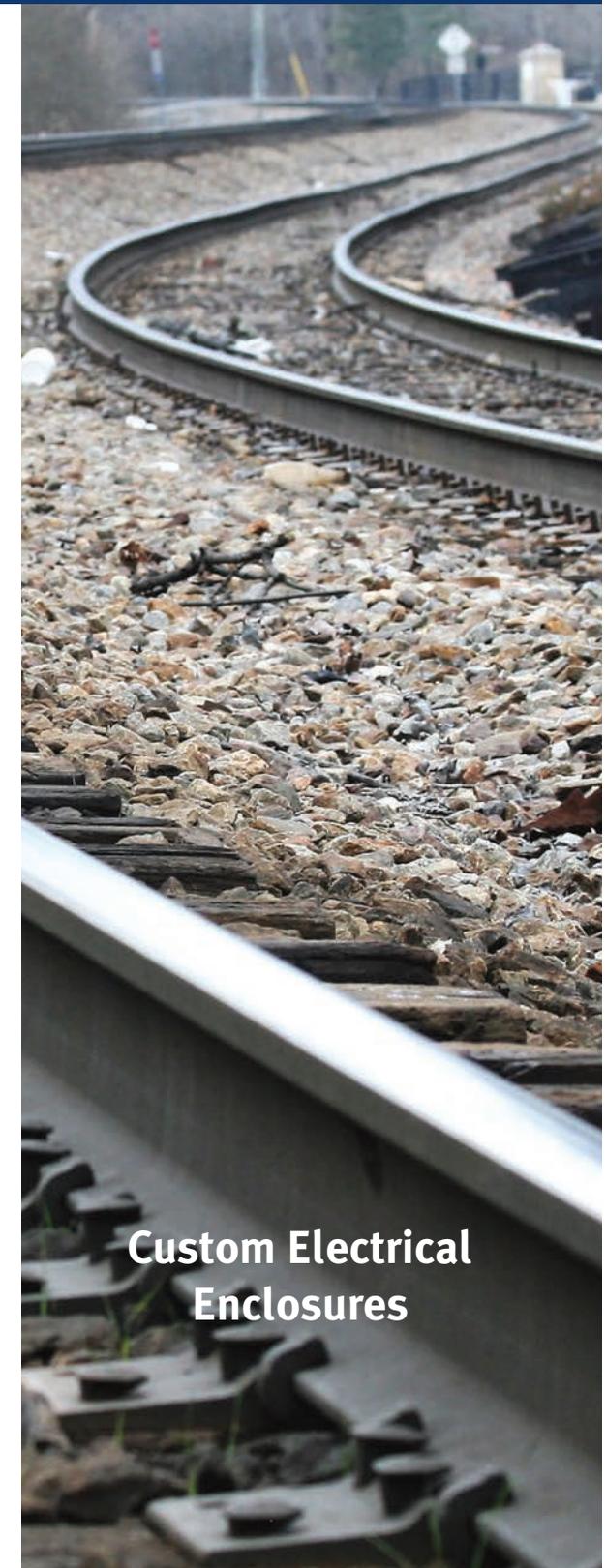
Lyons can assist in coordinating product roll-outs from product design and manufacturing through multi-point deliveries and installation with services customized to the unique needs of each customer.



The Lyons Companies

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Custom Electrical Enclosures



Railroad Signal Cases

Lyons custom electrical enclosures and electrical cabinets are manufactured to the highest standards and carry NEMA (National Electrical Manufacturing Association) ratings. Our enclosures are available for indoor or outdoor use, and provide protection not only for equipment, but also for personnel against access to hazardous parts.

Standard cases are 24" deep and 75" tall, with available standard widths of 43", 60", 81" and 116".

Materials offered

Powder-coated steel
Aluminum • Stainless steel
Galvannealed steel

Standard Options

Insulation • Lights
Electrical panel
Receptacles
Equipment Racks
Backboards • Shelving
Knock-out or cable chutes
Grounding studs or pigtailed



Why work with LYONS

With Lyons' extensive capabilities and experience, we provide support for any size project, from the simplest part to complete product assembly for large-scale installations.

Quality - Internal manufacturing control systems ensure high quality

Experience - Each process station has an average of 15 years experience and skill

Service - The Lyons customer service department provides outstanding service to all our customers – small and large

Value - Our stainless, industrial and store fixtures products are competitively priced

Flexibility - With our flexible manufacturing processes, all products can be completely customized to meet your specific needs

Industrial Division

For over 60 years, Lyons has fabricated stainless steel, mild steel and heavy and light gauge aluminum parts and components used in a wide variety of products including industrial generators, electrical enclosures, railroad crossings, lighting fixtures, ice makers and more. We can form and weld steel up to 3/8" and aluminum up to 1/2" with a tolerance of less than .005".

Lyons has a high-capacity powder coat paint line and two fully-staffed and highly-trained assembly departments that can handle any project.



Railroad Signal Houses

Materials offered

Powder-coated steel
Aluminum
Galvannealed steel

Standard Options

Insulation • Lights
Electrical panel
Receptacles
Shelving
Grounding studs or pigtailed
Foundations
Plywood wall covering
Battery tray
Rubber floor matting

