IF YOU CAN IMAGINE IT…
WE CAN CREATE IT!

What Can We Make For You?

With our leading-edge technology and craftsmanship, we can meet your metal fabrication needs.

The UNICOR Industrial Products Group (IPG) has a nationwide network of metal fabrication factories that are capable of manufacturing almost any metal product you imagine. Few organizations in the metal fabrication industry can match the breadth and depth of our expertise in precision metal production.

OUR METAL FACTORIES ARE FULLY EQUIPPED AND STAFFED TO PRODUCE:

- *Vehicle and mechanical components*
- *Building components*
- *Institutional furniture*
- *Materials handling products*
- *Parts for missile systems*
- *And much more…*

WHAT SETS US APART?:

- *Over 70 years of metal fabrication experience*
- *Fast, individualized service*
- *ISO 9001:2000 quality systems*
- *Lean Six Sigma business processes*
- *Environmentally sound practices*
- *Provide federal inmates with marketable job skills*

Unique Capabilities:

Advanced Design and Prototyping Services

If you don't see what you need in our comprehensive catalog, we can design, prototype and manufacture custom metal products to your exact specifications.

Made in America

Our products are made by highly skilled workers in our factories across the U.S. We use only domestically produced steel and raw materials, and support small and disadvantaged businesses whenever possible.

Flexible Manufacturing

We can manufacture short-run custom products or support you with multi-year projects. Our diverse customer base attests to the quality of our products and services—the U.S. Armed Forces, federal agencies and OEMs that supply the federal government.

Easy Contracting and Payment

Since UNICOR is part of a federal agency, we understand the government procurement process and offer convenient contracting and payment methods, including MIPR.

Customized Solutions

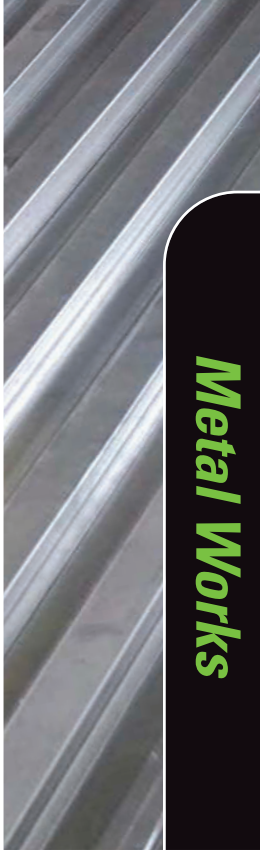
UNICOR IPG creates customer value by offering solutions that meet your exact needs.

End-to-End Services

Our end-to-end services save you time and reduce your management and coordination costs.

We can work with your technical experts to design and prototype components and products, so you can bring your items on line quickly.

For building projects, we have the unique capacity to design, manufacture and install many of the metal components you need to get your building up and running on time.



Wide Choice of Fabrication Technology

UNICOR IPG's metal factories maintain leading-edge knowledge of metal fabrication technology, and government and commercial quality standards.

WELDING

We produce a wide array of welded products–from fused stainless steel pipes to pressurized aluminum containers used on space shuttle missions. Our workers are expert in a wide range of techniques, and use approved procedures from the American Welding Society.

COATING AND FINISHING SYSTEMS

We are an innovator and early adopter of advanced powder coating systems, which provide an attractive and durable finish. We are highly experienced in epoxy-based coatings, and polyester, acrylic and hybrid finishes.

CUTTING

We use the latest abrasive water jet technology that injects abrasive garnett into a high pressured water stream. This produces a clean cut through non-ferrous metal, many types of steel, armor, hard rubber, ceramics, glass and carbon fiber materials.

STAMPING

Our capabilities range from producing flat corner brackets to integrated electronic components. Our punch press equipment includes turret presses that can produce 1,000 parts an hour, as well as 350-ton presses.

FORMING

Our wide range of mechanical and hydraulic press brakes can meet most metal-forming needs. We have capacities up to 300 tons with 12-foot beds and Computer Numerical Control (CNC) back gauging for outstanding accuracy and consistency.

MACHINING

Our flexible CNC turret presses and precision machining centers can quickly transform designs into finished products. By integrating CNC machines with computer-aided drafting and design stations, we can accurately develop concepts into precision components.

TOOL AND DIE

Each UNICOR metal factory is fully equipped to build and maintain its own tooling. Our Product Support Center also provides expertise in tooling design and fabrication for complex projects that require the use of CNC machining centers and Electronic Discharge Machining (EDM).

Metal Works

IF YOU NEED METAL PRODUCTS, UNICOR IPG'S METAL FACTORIES CAN SUPPLY THEM. LET US KNOW WHAT WE CAN MAKE FOR YOU.

We are very proud of our metal fabrication facilities and the outstanding craftsmanship and dedication of our workers. We welcome the opportunity to take you on a tour of any of our factories.

For more information on tours, products and services, please call

Larry Timm	Tel: 309-477-4607	E-mail: ltimm@central.unicor.gov
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UNICOR IPG creates customer value by offering solutions that meet your exact specifications.

We have the unique capacity to work with your technical experts to design, prototype, manufacture and install many of the metal components you need.

One-Stop Shopping...On-Line

Need your items faster!

*Go to our online store at **unicor.gov/ipg** for a wide variety of products and services that are available for quick and easy shipment.*

Our online product line-up includes: warehouse systems, lockers and storage, shelving, metal beds, interior and exterior signage, stainless steel food service items, filtration services, safety eyewear, materials handling, routed signs and seals, name tags and promotional products.

Place your credit card order online at unicor.gov/ipg or call (800) 827-3168.

Metal Works

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