Innovation at Work Since 1908

Specializing in Heavy Metal and Light Gauge, High Volume Components, Large Weldments and Full Assemblies from 20 Gauge up to 7” Plate
Capabilities and Equipment Resources

Chicago Metal Fabricators has the skilled craftsmen, quality project management, and state-of-the-art equipment to ensure we are the most qualified and dependable choice. Our versatility and diverse range of services can accommodate any size project—from prototype to mass production and assembly.

Facility Size
200,000 sq-ft (Chicago, IL)
60,000 sq-ft (Elk Grove Village, IL)

Overhead Crane Capacity
Up to 20 tons
27 ft Under Hook

Welding
Welding Robots—up to 10 ft x 30 ft
Pandjiris 40 ft Subarc System
Internal/External Subarc Welding Tractors
Jetline CNC Welding Lathes
Jetline Seamwelder
Tig, Mig, and Fluxcore Machines
Spot Welders (7)
CWI Certified Welding Inspector on Staff

Hi-Definition Plasma Cutting
Messer 12 ft x 70 ft Table
Hypertherm HPR 400 Units (2)
Bevel Head (1)
Straight Head (1)

Laser Cutting
CY 8 kw Fiber Laser
10 ft x 30 ft Pallet Changer

CY 8 kw Fiber Laser
10 ft x 30 ft Pallet Changer
Bevel Head

BLM 2.5 kw LT 712D Tube Laser
½” - 6” Round, ½” - 5½” Square; up to ¾” Thick
27’10” Infeed; 21’4” Outfeed
10 lbs/ft Capacity
Mitsubishi 5 ft x 10 ft Auto Load Lasers (3)

Press Brake Forming
Heavy
Accurpress 1500 ton x 30 ft
Cincinnati 1000 ton x 30 ft
Pullmax 700 ton x 20 ft
Pacific 750 ton x 16 ft
Ermak 330 ton x 13 ft
Cincinnati 500 ton x 24 ft
Robotic LVD 440 ton x 12 ft

Light
Toyokoki Servo - Electric (3)
Diamond Servo - Electric (5)
CNC Hydraulic (10)

Machining
Haas VF-6 Mill
Haas VF-4 Mill

Painting and Blasting
14 ft x 50 ft Empire Blast Room
16 ft x 50 ft Paint Booth w/Environmental Controls

Turret Punching
Amada High Speed Vipros (3)

3D Modeling and Software
SolidWorks®
AutoDESK® Inventor CAD
SigmaNEST®
OmniBevel

Sawing
HEM VF-120 CNC Mitering (up to 60°) Saw
Amada 400 Saw
Committed to Quality Standards
Our expansive operations include two locations which are fully integrated and ISO 9001:2015 certified—a 200,000 sq-ft heavy metal facility in Chicago, and a 60,000 sq-ft light gauge facility in Elk Grove Village—each with full-service capabilities.

Lights-Out Automation Capability
For lights-out automation and high volume forming and production runs, our facility is equipped with welding robots and a 440 ton by 12 foot robotic LVD press brake. Automatic material handling loaders and unloaders are also utilized for increased efficiency and turn time.

Time and Cost Savings
The expert team of seasoned professionals at CMF can review your plans and specifications, and find innovative solutions to save time and cut expenses. Our goal is to create a component solution that best serves your unique requirements by evaluating every project in terms of total cost ownership for each application.

From Concept to Completion
From concept to completion, CMF is committed to exceeding customer expectations and creating quality, custom component solutions that meet precise specifications, quality standards, and on-time delivery deadlines.

Contact us today for a no obligation quote and see how we can partner with you to create the perfect solution for your custom fabrication project.
One Stop Shop Metal Fabrication

Chicago Metal Fabricators (CMF) is the nationwide premier source for custom, low-to-high volume production of high-quality, custom metal components and assemblies. Offering a broad range of contract services, CMF is a true one stop shop for metal fabrication.

With over a century of work to our credit, Chicago Metal Fabricators has fabrications in use around the globe supporting a wide array of markets. Our robust capabilities allow us to serve a diverse customer base in a variety of industries that include: rail, aerospace, defense, air ground support, construction, energy, infrastructure, off-highway/utility, point-of-purchase, art installations, and many more.

Since 1908, our success has been based upon our ability to adapt and grow with innovative design concepts and advanced technology solutions.

Contact us today for a quote or visit us online at chicagometal.com for more information on our custom metal fabrication solutions.