



*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

### Press Brake Forming

#### Heavy

Accurpress 1500 ton x 30 ft

LVD 1250 ton x 32 ft

Cincinnati 1000 ton x 30 ft

Pullmax 700 ton x 20 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)

### Sawing

HEM VF-120 CNC Mitering (up to 60°) Saw

Amada 400 Saw

### Hi-Definition Plasma Cutting

Messer 12 ft x 70 ft Table

Hypertherm HPR 400 Units (2)

Bevel Head (1)

Straight Head (1)

### Laser Cutting

Mitsubishi 10 kw Fiber Laser  
6 ft x 12 ft  
Material Automation

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

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10 ft x 30 ft Pallet Changer  
Bevel Head

BLM 2.5 kw LT 712D Tube Laser  
1/2" - 6" Round, 1/2" - 5 1/2" Square; up to 3/8" Thick  
27'10" Infeed; 21'4" Outfeed  
10 lbs/ft Capacity

Mitsubishi 5 ft x 10 ft Auto Load Lasers (2)

### Machining

Haas VF-8 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



Welding & Assembly



Press Brake Forming



Flat Laser Cutting



Tube Laser Cutting



HD Plasma Cutting



Robotic Automation



CNC Machining  
& Saw Cutting

## 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.

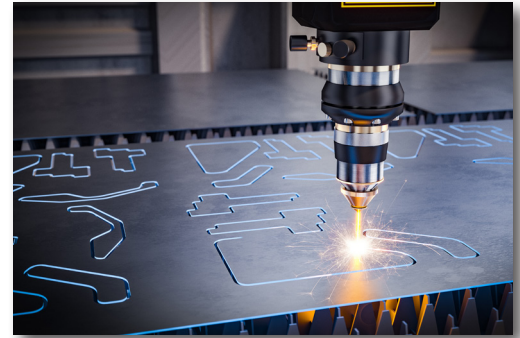
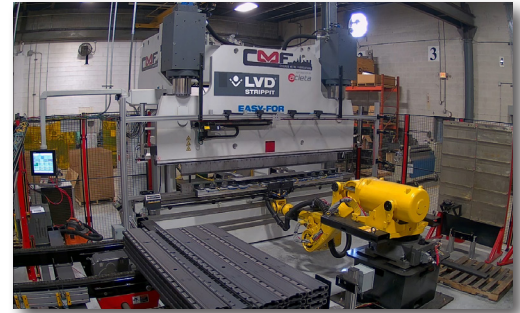
## Time and Cost Savings

The expert team of seasoned professionals 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 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.



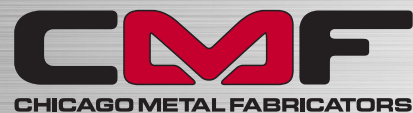
## One Stop Shop Metal Fabrication

Chicago Metal Fabricators (CMF) is the nationwide premier source for 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](http://chicagometal.com) for more information on our custom metal fabrication solutions.



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