



## For Press Brake Forming, Bigger is Better

Meet the new powerhouse of the CMF forming line — the LVD 1250 CNC Press Brake. With an impressive 1250 ton capacity, it allows for high precision control and efficient, repeatable bending of heavy gauge components up to 32 feet 9 inches in length. Includes three multi-axis back gauges and over 29 feet between housings. Laser controlled scanning of angle measurements ensure accuracy in every bend. Our expansive operations include two Chicagoland facilities with over 260,000 sq-ft and multiple standard and CNC hydraulic press brakes, three with capacity over 1000 tons x 30 feet, as well as robotic automation capabilities.

Innovation, precision, and exceptional quality are why Chicago Metal Fabricators is known as the nationwide premier contract manufacturer, allowing us to serve a diverse customer base in a wide array of industries including rail, aerospace, defense, air ground support, construction, energy, infrastructure, off-highway/utility, point-of-purchase, art installations, and many more.

## Let CMF Quote Your Next Project

Contact us today for a **quote** or **download the One Stop Shop Brochure** for more information on Chicago Metal equipment, capabilities, and custom metal fabrication solutions.



*Welding & Assembly*



*Press Brake Forming*



*Flat Laser Cutting*



*Tube Laser Cutting*



*HD Plasma Cutting*



*Robotic Automation*



*CNC Machining &  
Saw Cutting*

## 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 Mitring (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

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 (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