



# QUALITY METAL FABRICATING

Your ISO 9001:2015 Certified Supplier



Wisconsin Metal Fab, LLC. is committed to continually improving the products and services offered to our customers by creating partnerships that meet or exceed their expectations. We are dedicated to delivering defect-free and on-time, every time.

## **CONTACT US TODAY!**

[quotes@wisconsinmetalfab.com](mailto:quotes@wisconsinmetalfab.com)

For nearly 30 years, Wisconsin Metal Fab has been western Wisconsin's premier custom metal fabricator. Based in Chippewa Falls, WI, we serve businesses throughout the United States, in industries ranging from defense to truck bodies, oil & gas production, and power generation. We specialize in the cutting, forming, welding, and machining of carbon steel, stainless steel, and aluminum.



With the completion of our fifth facilities expansion in 2021, we're perfectly situated to grow along with your contract manufacturing needs. Our 106,000 square foot facility is home to a full-service, start-to-finish custom fabrication shop that can create your prototype or production-quantity projects, on-time, and defect-free.

Let Wisconsin Metal Fab quote your next metal fabrication project today.

### PLATE PROCESSING:

- Kinetic K5000
- 10' x 22' cutting table
- Up to 3" thick plate
- 400 Amp Hypertherm cutting system
- 24 station turret machining spindle
- 48 HP spindle assembly
- Allows for cutting and machining in one operation

### PRECISION LASER CUTTING:

- Cutting Capacity: 160" x 80" sheet
- Bystronics Bystar 4020 Dynamic Edition 10KW Fiber Laser with Shuttle Table
- Bystronics Bysprint 3015 6KW Fiber Laser with Extended Automation Tower
- Mitsubishi ML3015LVP 4000-Watt Laser with Shuttle Table

### WATERJET:

- Jet Edge IP60-100 with Dual Intensifier
  - Cutting Capacity 72" x 144", up to 7" thickness
  - Aquavision Di contour beveling
  - .001" to .003" positional accuracy beveling

### SHEARING:

- 1/4" - 10' CNC Shear
- 3/8" - 12' Shear with Stacker

### FORMING:

- Precision Ground Tooling used on all CNC Press Brakes
- Bystronic Xpert 320 x 4100; 325 Ton x 152"
- Bystronic Xact Smart 225 x 4100; 225 Ton x 144"
- Safan Darley 110-3100; 100 Ton x 120"
- Accurpress Advantage 100 Ton x 90"

### CNC TUBE & PIPE BENDING:

- 1/2" to 2" Diameter

### ROLLING:

- 1/2" x 120" Plate Roller (4-roll)
- 10-gauge x 72" Plate Roller (3-roll)
- Angle Roller 1/4" x 2"
- Angle Roller 6" x 6" x 5/8"

### WELDING:

- Robotic Welder (3)
  - Multiple Axis Positioners
  - Touch-Sensing & Seam-Tracking
  - Aluminum, Carbon Steel, and Stainless Steel
- MIG (GMAW & FCAW), TIG (GTAW) & 50KVA Spot welder
- 28 welding stations & 4 Multiple Axis Positioners capable of supporting up to 30,000 pounds
- On-site AWS Certified Welding Inspectors (2) and AWS Certified Welding Supervisor
- Multiple individual certifications in the following procedures:
  - AWS D1.1 (Carbon Steel)
  - AWS D1.2 (Aluminum)
  - AWS D1.6 (Stainless Steel)

### MACHINING:

- CNC Horizontal Machining
  - Hyundai Kia with Rotary Table (118" x 78" x 63")
  - Toshiba BTD-200QH (59"x47"x27")
- CNC Vertical Machining
  - Haas VF-11-50 with 4th axis (120" x 40" x 30")
  - Haas VF-9 (84" x 40" x 30")
  - Haas VF-6 (60" x 28" x 28") (2)
  - Haas VF-4 (50"x20"x25")
  - Haas VF-4 (50" x 20" x 25") with Pallet Changer
  - Webb Champ-5 with Rotating Head (36" x 16" x 18")
- CNC Lathe
  - Vertical Turning Lathe: Hwacheon VT-650R with Fanuc controller, with 24" chuck and 12 station turret
  - Haas SL-30 with Live Tool 17" diameter x 34" L
  - Haas TL-3B 31" diameter x 60" L
  - Haas ST-35Y with live tooling, 12" diameter x 32" L with 3.9" bar capacity
- Manual
  - Bridgeport Mill (2) with digital read-out
  - Bridgeport Lathe

### PUNCHING:

- 22 Ton Turret Press - 30 Stations with 3 Auto Index
- 88 Ton Ironworker

### SAWING:

- 31"x38" Hi-Speed Automatic (45-degree miter capability) - Vertical
- 15"x20" Hi-Speed Automatic (45-degree miter capability) - Horizontal
- 16"x24" with Auto feed (45-degree miter capability) - Horizontal
- 20"x25" Angle Head (45- to 60-degree miter capability)
- 14" Cold Cut Saw

### INSPECTION:

- Bore, Height, Pressure, Radius, & Screw Pitch Gauges
- Gauge Blocks
- Full Set of ZZ Class .060" - 1.000" Gauge Pins in .001" increments
- CMM with 10-Foot Reach
- Starrett Inspection Table (31" x 69")
- Micrometers & Depth Micrometers
- Hardness Tester

### PAINTING:

- Wet paint per customer spec.
- Powder coat per customer spec.

### ASSEMBLY:

- Dedicated Assembly Area

### TRANSPORTATION:

- (1) 24' Box Truck
- (1) 26' Straight Truck
- (1) 53' Flat Bed Drop Deck Tractor/Trailer
- (1) 53' Enclosed Flat Bed Trailer