



# 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.

**PRECISION LASER CUTTING:**

- Accurate to +/- .001
- Cutting Capacity: 160" x 80" sheet
  - Carbon Steel up to 1.125"
  - Stainless Steel up to 1"
  - Aluminum up to 1"
  - Brass up to .50"
  - Copper up to .375"
- 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

**PLASMA CUTTING:**

- Altra 400 Amp CNC High Definition Plasma with Bevel Head with 3 Oxy Fuel Torches
- Table Size: 12' x 40'
- Cutting Capacity:
  - 1/4" to 12" Carbon Steel
  - up to 2" Stainless Steel
  - up to 1" Aluminum

**SHEARING:**

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

**PUNCHING:**

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

**FORMING:**

- Precision Ground Tooling used on all CNC Press Brakes
- 350 Ton Bystronic Xpert 320 x 4100
- 250 Ton 12' CNC Press Brake
- 110 Ton 10' Safan Darley 100-3100 Electrical Brake
  - Material Thickness Verification Gauge
  - Z-Axis Back Gauge
- 100 Ton 12' CNC Press Brakes (2)
- 75 Ton 6' CNC Press Brake

**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:** (Aluminum, Carbon Steel, Stainless Steel)

- Robotic Welder (2)
  - Fanuc Robotics Assy Powered by Lincoln Electric PowerWave 455M/SST
  - Multiple Axis Positioners
  - Touch-Sensing & Seam-Tracking
  - Aluminum, Carbon Steel, and Stainless Steel
- MIG (GMAW & FCAW), TIG (GTAW) & Stick (SMAW)
- 50KVA Spot welder
- 28 welding stations & 4 Multiple Axis Positioners capable of supporting up to 30,000 pounds
- On-site AWS
- Multiple individual certifications in the following procedures:
  - AWS D1.1 (Carbon Steel)
  - AWS D1.2 (Aluminum)
  - AWS D1.6 (Stainless Steel)

**CNC TUBE & PIPE BENDING:**

- 1/2" to 2" Diameter

**MACHINING:**

- CNC Horizontal Machining
  - Hyundai Kia with Rotary Table (118" x 78" x 63")
- 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")
  - Haas VF-3 (40" x 20" x 25") with Pallet Changer
  - Webb Champ-5 with Rotating Head (36" x 16" x 18")
- CNC Lathe
  - 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

**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
- 5' x 8' Inspection Table machined to flatness of +/- .002"

**LIFTING:**

- (2) 10 ton bridge crane
- (5) 5 ton bridge cranes
- (3) 2 ton bridge cranes
- (9) 2 ton jib cranes
- (8) Fork trucks, up to 15,000 lbs.

**PREFINISHING PREP:**

- Timesaver Wet Belt Sander
- Viber Finisher - Tub & Bowl
- Edge Preparation
- Shot Blaster - 5' and 8'

**PAINTING:**

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

**ASSEMBLY:**

- Dedicated Assembly Area

**TRANSPORTATION:**

- (2) 24' Straight Trucks
- (1) 53' Flat Bed Drop Deck Tractor/Trailer
- (1) 53' Enclosed Flat Bed Trailer
- (1) 48' Van Trailer