



Miro Manufacturing Inc.

201 Sentry Drive, Waukesha, WI 53186

(262) 549-6685

www.miromfg.com



Capabilities & Equipment

Metal Stamping

1,000 ton Verson straight side press

- Bolster: 60" x 144"
- Shut height: 36.25"
- Coil handling system: 48" maximum width

600 ton Brown Boggs straight side press

- Bolster: 54" x 84"
- Shut height: 29"
- Air cushion



400 ton Heim straight side press

- Bolster: 49" x 102"
- Shut height: 22.625"

250 ton Niagra gap frame press

- Bolster: 34" x 40"
- Shut height: 20.0"
- Coil handling system: 24" maximum width

150 ton Bliss straight side press

- Bolster: 42" x 60"
- Shut height: 17.375"

(2) 100 ton Verson straight side presses

- Bolster: 34" x 48"
- Shut height: 14.5"

60 ton Bliss OBI press

- Bolster: 21" x 32"
- Shut height: 14.25"

Quality

Micro-Vu Excel 1054UM/UC

- 12:1 zoom lens capable of 926 X magnification
- 1050mm x 1050mm x 400mm working area
- Renishaw touch probes

Tesa-Hite 700 Magna System

- Measuring span: 28"

Dea Mistral 100705 CMM

- SPC and gage R&R software

Scherr Tumico optical comparator

Fabrication

Mitsubishi 3015eX - 45CF-R CO₂ laser

- Maximum work piece: 60" x 120"
- Wattage output: 4,500

Mitsubishi X4-Series MW-X4-612 waterjet

- Maximum work piece: 72" x 144"
- 60 H.P. / 90,000 PSI pump
- 4 axis control
- Automatic taper control

Mitsubishi 2512LPX laser

- Maximum work piece: 48" x 96"
- Wattage output: 2,000

190 ton AccurPress Accell CNC press brake

- Bed length: 12'
- 6 axis back gauge
- Wila precision tooling

60 ton AccurPress CNC press brake

- Bed length: 8'

Miller Invision MPa Plus welder

- 450 amp power source
- D-74 MPa Plus wire feeder

Miller CP-302 wire feed DC welder

Miller Millermatic 250 wire feed DC welder

Miller Synchrowave 250 AC/DC TIG welder

Armiglo K20E spot welder

- 20 KVA
- 12" throat

Taylor Winfield ERE-12-150 spot/projection welder

- 150 KVA
- 12" throat

(2) Bancroft 500 rotary MIG welders

- 300 amp
- 18" maximum diameter welding capability

Image Industries SW1200 Digital ARC Stud Welder



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Machining

Yamage YMV-800GP CNC VMC

- 24 tool magazine
- 50 H.P. motor
- Max. travel: 86.5" (X) x 31.5" (Y) x 27.6" (Z)
- Max. work piece weight: 10,000 lbs.

Takumi V-22A CNC VMC

- 32 tool magazine
- 35 H.P. motor
- Max. travel: 86.625" (X) x 34.375" (Y) x 30.0" (Z)
- Max. work piece weight: 8,000 lbs.

Hitachi Seiki VS-50 CNC VMC

- 30 tool magazine
- 25 H.P. motor
- Max. travel: 40.0" (X) x 20.0" (Y) x 17.7" (Z)
- Max. work piece weight: 1,650 lbs.

Hurco VMX50-40 CNC VMC

- 24 tool magazine
- 24 H.P. motor
- Max. travel: 50.0" (X) x 26.0" (Y) x 24.0" (Z)
- Max. work piece weight: 3,000 lbs.

Hurco VMX24 CNC VMC

- 24 tool magazine
- 10,000 rpm spindle
- Max. travel: 24.0" (X) x 20.0" (Y) x 24.0" (Z)
- Max. work piece weight: 3,000 lbs.

Milltronics VKM 3 axis CNC mill

- Max. travel: 30" (X) x 15" (Y) x 5.25" (Z)
- Max. work piece weight: 1,500 lbs.

(4) Clausing FV-300 CNC vertical mills

- Proto Trak MX2 controls

SuperMax 3 axis CNC vertical mill

- Fagor control

Lagun horizontal mill

- Table size capacity: 15" x 72"
- Max. work piece weight: 3,000 lbs.

Machining (continued)

K&T 310-S15 horizontal mill with vertical head

- Table size capacity: 15" x 68"

(6) Surface grinders

- 3 axis automatic capability
- Maximum table size: 20" x 40"

(3) Radial drill presses

- Maximum column diameter: 17"
- Maximum arm length: 7'

Multiple-spindle drill presses

Bridgeport EZ Path II CNC lathe

- 20" x 40"

Clausing 15" x 50" engine lathe

EDM

(2) Mitsubishi FA20 wire EDM

- Automatic threader
- Max. travel: 19.685" (X) x 13.77" (Y) x 11.81" (Z)

Mitsubishi RA 90 wire EDM

Current ST-300 drilling EDM

Engineering

Offering complete engineering, design and programming services utilizing the following software

- SolidWorks Professional
- Logopress3
- AutoCAD
- Mastercam 3D, Solids
- ESPRIT 4.0

Lifting Capabilities

Overhead bridge crane capacity: 20,000 lbs.

Forklift capacity: 17,000 lbs.