



# EQUIPMENT & FACILITIES LIST

Welcome to Hibbing Fabricators, Inc., manufacturers of precision metal parts, components, and assemblies. We provide metal fabrication in a variety of ways to provide our customers with a complete source for metal purchases. Steel fabrication, aluminum fabrication, welded parts and assemblies, machined parts, laser cut parts, enclosures, box builds, bus bars, cabinets, framework, panels, card guides, brackets, and many other components for your application.

## FACILITIES

Office - 5,000 sq. ft. • Shop - 31,000 sq. ft. •  
Warehouse - 1,000 sq. ft.

## DATA PROCESSING

- 30 PC's networked together with ERP Software for real-time job tracking and order processing.
- 20 Tablets located on the shop floor for real-time information processing of work flow.

## ENGINEERING DEPARTMENT

- 4 CAD-CAM stations with 2-D, 3-D and unfold capabilities

## SHEARING & SAWING DEPARTMENT

- 1 Amada shear (cap. 120" of 3/16" steel)
- 1 Hyd-Mech horizontal band saw

## PUNCHING & FORMING DEPARTMENT

- 1 Amada EMK 3612 58-station C.N.C. electronic punch press (max. sheet 60" x 120")
- 1 Amada Vipros 358 King II 58-station C.N.C. hydraulic punch press (max. sheet 50" x 100")
- 1 Amada Vipros 255 31-station C.N.C. hydraulic punch press (max. sheet 50" x 100")
- 1 Bystronic Xpert CNC Press Brake 150 ton (max. length 120")
- 3 Amada C.N.C. R-G press brakes (max. length 96")
- 1 Amada C.N.C. FBD8025NT press brake (max. length 96")
- 1 Baileigh pinch roller Model PR-0535H (cap. 5' x 10 ga. Steel)
- 2 Amada Togu III N.C.T. precision tool grinders

## LASER CUTTING DEPARTMENT

- 1 Bystronic Byspeed 4400 watt laser (max. sheet 60" x 120"), cutting up to 1" thick steel, 1/2" aluminum, 3/4" stainless steel.

## MACHINING DEPARTMENT

- 1 Haas VF4SS CNC VMC (18" x 52" Table)
- 1 Haas VF2SS CNC VMC (20" x 50" Table)
- 1 Haas ST20Y 3 Axis CNC Turning Center
- 1 Chevalier "FM" milling machine (10" x 50" table)
- 1 Bridgeport "J" milling machine (9" x 42" table)

## PUNCH PRESS DEPARTMENT

- 1 Stamtec OCP 160 ton Model G1-160, 41" x 39" bolster, 7.88" stroke

## WELDING DEPARTMENT

- 3 Wire-feed welders (steel, stainless steel and aluminum)
- 2 T.I.G. welders
- 1 Spot welder 100 KVA 3 phase

## SECONDARY OPERATIONS DEPARTMENT

- 5 Haeger hardware inserters
- 1 Timesavers 36" dry belt sander
- 1 Timesavers 36" dry belt sander with 48" rotary disk
- 1 48" stroke sander
- 3 Vibratory deburring machines
- 1 Multiple-head tapping machine
- 1 Clausing gang drill (4 heads)
- 1 Surface grinder (6" x 12" table)

## INSPECTION DEPARTMENT

- 1 14' x 20' climate controlled inspection room
- 1 InspecVision high speed 2D optical measurement system
- 1 Faro Arm portable CMM
- 1 30" x 48" digital precision inspection table
- 1 36" x 80" digital precision inspection table
- 3 Surface plates (up to 36" x 48")
- 1 24" Mitutoyo digital height gauge
- 1 Mitutoyo profilometer
- 1 Mitutoyo LH600E Linear Height Gage with measurement capability to 6 decimals
- 2 12" Fowler digital height gauges
- Various calipers and gauges as required at each workstation
- 1 Inspecvision 2D Measuring System with Reverse Engineering

## MATERIAL HANDLING & SHIPPING

- 3 Forklifts (up to 8,000 lb. cap.)
- 1 10-ton overhead crane

## ALUMINUM FINISHING

Chromate Conversion Coating per MIL-DTL-5541F

- Yellow
  - Type I, Class 1A
  - Type I, Class 3
- Clear (RoHS)
  - Type II, Class 1A
  - Type II, Class 3