

Auto Metal Craft INC.

Prototype Stampings

MAJOR EQUIPMENT LIST

STAMPING PRESSES

- 1,500 Ton Erie Hydraulic Press w/Computer Control (Bed Size 148" x 96") *Hot Stamping Line*
- 800 Ton Clearing Mechanical Press with an air cushion (Bed Size 70" x 120") new 2024
- 750 Ton Lake Erie Press (Bed Size 60" x 72")
- 600 Ton HPM Hydraulic Press w/Cushion (Bed Size 144" x 72")
- 600 Ton Dake Hydraulic Press w/Cushion (Bed Size 96" x 66")
- 600 Ton St. Lawrence Hydraulic Press w/Cushion (Bed Size 80" x 46")
- (2) 350 Ton Lake Erie Hydraulic Presses (Bed Size 37" x 35")
- 350 Ton North Systems Press (Bed Size 48" x 60")
- 300 Ton EP North Press (Bed Size 42" x 54")
- (2) 125 Ton Dake Hydraulic Arbor Press
- 150 Ton Precision Form Hydraulic Press w/Micro Stop
- Portable 150 Ton DI-DRO Press Cushion System

CAD & SOFTWARE

- CATIA 5.0 R22
- Delcam Powershape Software
- Unigraphics - ".prt" Translator
- Spaceclaim Engineer Direct Modeling Software
- Laser Cut 3-D Off-line Programming Software
- Work NC Milling Software
- E2 Job Boss ERP system and Tracking System
- Fully Secure -Internet Connection

LASER CUTTING

- (2) NTC Model TLM610 Multi Axis 3,300-Watt PRC lasers. Bed size of 72" x 120"
- (1) NTC Model TLM614 Multi Axis 3,300 Watt PRC Laser. Bed size of 72" x 144"
- Mitsubishi Model 3015SR 4KW 3 Axis Fiber Laser (1" steel, 1/2 Alum, Brass, Copper). Dual Bed size of 72" x 120" each.

CNC MACHINING

- AWEA LP2516YF Bridge type 5 Axis Vertical & Horizontal Machining Center w/ 5' x 8' Bed
- Milltronics VM203 3 Axis Milling Center w/ 3' x 5' Bed
- Dimension SST 1200 ES 3D Rapid Prototype Center (ABS)

METAL FABRICATING

- Bracker Model RN381 Orbital Riveting Machine
- 50 Ton Hydraulic Iron Worker
- Accurpress 6' ft 60-ton Hydraulic CNC Press Brake new 2023
- Accurpress Hydraulic 10' Shear new 2023
- Cincinnati 10' 1350B8 Hydraulic Press Brake
- (3) 50 Ton Hydraulic Deep Throat Punch Presses
- (2) Bridgeport 1 Milling Machines
- Logan Metal Working Lathe

WELDING

- Friction Stir Welding head and machine 60" x 96" table. New 2023.
- Robotic MIG Welding Cell with OTC Welder (Steel and Aluminum) using Fanuc Arc Mate Robot
- (4) Milco DC Resistance Weld Hanging Guns in a 20' x 40' gantry with Matuschek Adaptive Controller for Steel & Aluminum
- (2) Milco DC Resistance Weld Hanging Guns in a dual boom unit with Matuschek Adaptive Controller for Steel & Aluminum
- Titaloy Model 1000 Projection Welder
- Martin 100 KVA Projection Welder
- Titaloy Model 3000 Resistance Welder
- Falstrom 100 KVA Resistance Welder
- TECNA T300 Resistance Welder
- (2) Nimac 50 KVA Resistance Weld Guns
- (4) Miller Portable TIG/ARC Welders
- (5) Miller Portable MIG Welders
- Nelson Nelweld N1500i Inverter Stud Welder
- PC Based Entron Weld Program & Monitoring Software

INSPECTION

- Brown & Sharpe Oryzo C Series DCC CMM on 69" by 177" Steel Plate
- Brown & Sharpe Model 1850 DCC CMM on 48" by 108" Steel Plate
- Brown & Sharpe Romer Portable Arm Laser Scanner / CMM with Digital Image Capture
- Brown & Sharpe PC-DMIS CMM Software W/ Programming & Reporting Software
- Graphical Run Chart Reporting software
- Zeiss 50X Microscope and Custom Reporting Software (MIG Weld Analysis)
- British Federal Portable Weld Analyzer