



Facility List

Physical Plant

- 1,000 sq. ft. of manufacturing space
- 5,000 sq. ft. of engineering and office space

CAD/CAM & Network Systems

- Industrial Fabricators Equipment
- (1) SolidWorks Professional 3D CAD
- (2) Amada AP/100 CAD/CAM
- (2) Amada AMP1E CAD/CAM
- (1) Amada Dr. Abe Punch/Laser CAM
- (1) Amada Dr. Abe Bend Press Brake programming software
- (2) Bobcad 3D CAD/CAM
- (12) Autoview Professional viewing and mark-up software
- (1) ShopTech shop control software with barcode capability
- (2) Zebra barcode label printers
- (12) Windows office programs (Word, Excel, etc.)
- (1) Hewlett-Packard large format plotters
- (1) OCE large format copier

Cutting Equipment

- (2) Amada CNC Laser Cutting System 4000 watt 60 in. x 120 in. x 1 in. thick mild steel capacity
- (1) 1/2 in. x 10 ft. hydraulic shear
- (1) 10 ga. x 98 in. hydraulic shear
- (1) 10 ga. x 50 in. hydraulic shear
- (2) Horizontal band saw, 10 in. x 10 in. capacity with miter attachment
- (1) Wells 6M horizontal band saw
- (1) Powermatic 24 in. vertical band saw with blade welder
- (1) Fenway notch type nibbling machine, 1/4 in. capacity
- (1) Whitney angle shear, 2 in. x 2 in. x 1/4 in. capacity
- (1) Oxy-acetylene cutting outfits
- (1) Sawzall saw
- (1) Milwaukee portable band saw

Presses and Fabricators

- (1) Automatic Load/Unload Machine for turret press
- (3) 3/8 in. mild steel capacity CNC turret press with extensive tooling
- (1) Tool grinder for turret press tooling
- (1) 45 ton Bliss OBI
- (1) 20 ton Bliss OBI
- (1) Boschert CU-PROFI CNC copper bar processing machine 12 mm x 200 mm capacity
- (2) Haas 3 axis CNC vertical machining center with tool changer
- (1) 3 axis CNC milling machine
- (1) 22 in. x 100 in. long center to center capacity lathe
- (1) Radial drill, 13 in. diameter column x 50 in. arm
- (1) Do All 6 in. x 48 in. sander
- (1) Bridgeport vertical mill with Acu-Rite 5 digital readout system

TOOLROOM EQUIPMENT

- (1) 3 axis automatic 8 in. x 18 in. surface grinder
- (1) Keller die filer
- (3) Die lifting tables
- (1) Pedestal grinder, 1/3 HP
- (1) Clausing Colchester 13 in. x 40 in. capacity lathe
- (1) Marathon cold saws, 12 in. diameter blades for ferrous and non-ferrous
- (1) One ton bridge crane

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FORMING EQUIPMENT

- (2) 88 ton Amada HDS NT Series press brake, 8 ft. capacity with 8 axis CNC control
- (1) 60 ton Allsteel press brake, 11 ga. x 8 ft. capacity with Automec 2 axis digital back gauge system
- (1) 95 ton Allsteel press brake, 10 ga. x 10 ft. capacity with Automec 2 axis digital back gauge system
- (1) 325 ton Standard hydraulic press brake, 1/2 in. x 12 ft. capacity with Automec digital back gauge system
- (1) 300 ton HTC hydraulic press brake, 1/2 in. x 12 ft. capacity with Automec digital back gauge system
- (1) 200 ton HTC hydraulic press brake, 5/16 in. x 12 ft. capacity, Automec 2 axis digital back gauge system
- (1) 24 ton Atek Bantam pneumatic press brake, 2 ft. capacity with manual backgauge system
- (1) Pexto rolls 36 in. x 16 ga. capacity
- (1) Niagara rolls 48 in. x 12 ga. capacity
- (1) Euro-Roll power roll 72 in. x 1/4 in. capacity
- (1) Di Acro bending machine

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WELDING EQUIPMENT

- (2) Panasonic Robotic Welders
- (1) Acro 50 kVA single phase rocker arm type spot welder
- (1) Universal 30 kVA single phase rocker arm type spot welder
- (1) Amada 80 kVa 3-phase inverter controlled DC spot welder
- (1) Nelson stud welder, 5/16 in. diam. to 3/4 in. diam. capacity
- (1) KSM Stud Welder 3/32 in. diam to 1/4 in. diam. capacity
- (1) Hobart 500 amp Mig MG welders
- (3) Linde 250 amp Mig rectifier
- (5) Miller 300 amp Mig rectifier welders
- (2) Miller Syncowave 250 amp TIG welders
- (2) Daihen Turbo-Pulse welders
- (1) P&H 300 amp Mig rectifier welder
- (3) NCG 250 amp Mig rectifier welders

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DRILLING AND TAPPING EQUIPMENT

- (1) Four spindle drill press
- (5) Single spindle drill presses, some with tapping heads
- (1) FlexArm Pneumatic Tapping Machine