Facility Listing as of January 2016

**SHEET METAL FABRICATING**

5 Sheetmetal CAD/CAM/Modeling Workstations
3 CINCINNATI – 4000 watt - 72” x 144”
CNC Laser Cutters with Dual Auto pallet Changers, up to 1” thick steel cutting capacity.

2 CINCINNATI – 2000 watt-48” X 96” CNC Laser Cutters with Auto Pallet Changers

3 STRIPPIT - 20 Station CNC model 1000 XP & 1250XP Turret Punch Presses with 3 Programmable Auto Index Stations each.


2 CINCINNATI – 90 Ton x 8ft Autoform CNC Hydraulic Press Brakes w/ 5 axis backgages, Auto-Crown & Adaptive Autoform Controls

2 CINCINNATI -175 Ton 12ft CNC Autoform Press Brakes with 5 axis backgages, Extended Stroke, Adaptive controls, autocrown.

2 CINCINNATI - 135 Ton 8ft CNC Hydraulic Press Brake with extended strokes, 5 axis backgages, and autocrown. Autoform models.

2 CINCINNATI – 230 Ton 10’ CNC Hydraulic Press Brake w/ 5 axis backgage, Autocrown, 22” stroke, 20 ” throat & Autoform adaptive control

1 CINCINNATI -90 Ton Extended Stroke 8 ft.
CNC Hydraulic Press Brake with Computerized Backgage, w/Autocrown.

1 CINCINNATI – 60 Ton x 6 ft.
CNC Hydraulic Press Brake with Computerized Backgage and Autoform Control.

1 CINCINNATI - 1/4” x 12 ft. CNC Hydraulic Shear With CNC backgage & power knife clearance.

1 1/4” x 48” Mechanical Shear

2 36” Timesaver Abrasive Belt Wet systems with Dryers

2 BROWNE & SHARPE Punch Press Tool grinder/sharpeners 

3 PEM-Serter Presses, Series 2000 PEM models with auto feed fastener systems.

**MACHINING**

4 Machining CAD/CAM Workstations
1 CNC Machining Center 120” x 252” x 54” Capacity
1 CNC Machining Center -96” x 252” x 36” Capacity
1 CNC Machining Center -120” x 180”x 42”Capacity
2 CNC Machining Centers-100” x 25” x 26”Capacity  
1 CNC 4 axis Horiz Mach Center: 118”x78”x63” Cap
6 CNC Machining Centers with 20 Station Tool Changers - 20” x 40” x 18” capacity

6 Vertical Milling Machines
3 CNC Turning Centers 12” chuck,15hp, 2.5” bar cap
1 15” x 36” Tool Room Engine Lathe
1 20” x 80” Heavy Duty Gap Bed Engine Lathe
2 Gang Drill Presses

**WELDING**

20 MILLER Syncrowave 300 Amp AC-DC Heli-Arc Tig-Welding stations
4 MILLER Syncrowave 350 Amp AC-DC Heli-Arc Tig-Welders
5 MILLER Aluminum GMAW-MIG WELDING STATIONS- with Push/Pull wire feeders.
24 LINCOLN 300 Amp MIG-GMAW Welding Stations
1 150 Amp Plasma Cutting System
1 250 Amp Arc –Stick Welder
2 200KVA Sciaky 3 Phase Spot Welders with microprocessor controls.
1 100KVA National Spot Welder with Microprocessor control

24 5’ x 8’ ACORN Platen Weld Tables
2 HEATH Contour Flame Cutting Systems
1 4’ x 4’ Rotary Welding Table
6 4’ x 4’ Machined Surface Welding Tables
2 1/2” Capacity Stud Welders
Oxy-Acetylene Welding & Brazing Equipment

**QUALITY CONTROL**

Compliant towards Mil-I-45208, Mil-STD-45662

Quality Assurance Manual in Place
4 4’ x 10’ Starrett Crystal Pink surface plates
4 2’ x 3’ Starrett Crystal Pink surface plates
5 3’ x 4’ Starrett Crystal Pink surface plates
1 80” VersaGage Digital Vernier Caliper
1 12’ spherical measuring dia. FARO CMM with 5” x 6” fixed table measuring station
1 Pinpoint 2D laser measuring system
1 J&L TEC-14 Optical Comparator
1 HR-150 Rockwell B and C scale hardness tester
8 Starrett and Mitutoyo 24” digital and dial height gages
1 Full range of Pin gages up to 1” dia
Full set of standard inspection tools and gages including vermicul calorimeters, micrometers, depth micrometers, gage blocks, metric and unified go/no-go thread plug gages, surface finish gages, paint gloss meters, paint thickness gages, ID and OD micrometers, precision squares, precision angle irons, and precision scales.

**MATERIAL HANDLING**

30 2 Ton Pallet Jacks
3 10 ton- 50 ft span- Overhead Bridge Crane Networks
8 2 Ton Gantry Cranes with Electric Hoists
7 75 H.P. Ingersol Rand Air Compressors
1 100 H.P. Ingersol Rand Air Compressor
20 2 Ton JIB Cranes located throughout plant

**TRAFFIC AND DELIVERY**

3 10 Ton x 26 ft. FORD Box Trucks - air ride
1 53 Ft Air Ride Box Trailer w/ Air RideTractor
2 10 Ton x 24 ft. FORD Box Trucks- Air Ride
1 10 Ton x 26 ft. FORD Flat Bed Truck- Air Ride
3 3/4 Ton CHEVROLET Vans
2 3 Ton Hyster Electric Forklifts
2 6 Ton Propane Toyota Forklifts
2 Ton Electric Prime Mover Reach Trucks
1 7 1/2 ton Hyster Propane Forklift

**RAW MATERIAL INVENTORY**

100 Tons Standard Gauge Aluminum, Stainless Steel and Carbon Steel Sheet and Plate
150 Tons of Bar, Tube and Structural Inventory in Stainless Steel, Carbon Steel, and Aluminum materials.

**REAL ESTATE**

120,000 sq. ft. single story modern building with 20 ft. ceilings. 15 acres Industrial Land.

**INFORMATION TECHNOLOGY**

Client Server Local Area Networks
Computerized Order Tracking
Computerized Enterprise Resource Planning
Computerized Enterprise Accounting
Networked Engineering Design Workstations
Computerized Quality Assurance
Computer Real Time Graphical Scheduling