

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 - 350 Ton 14ft CNC Hydraulic Press Brakes with Computerized Backgauges, Extended stroke & Auto-Crown Compensators.
- 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 Backgauge, w/ Autocrown.
- 1 CINCINNATI – 60 Ton x 6 ft CNC Hydraulic Press Brake with Computerized Backgauge 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

STRUCTURAL FABRICATING

- 2 MARVEL 380 A-PC60 CNC Saws
 - 1 JOHNSON 18" Cutoff Saw
 - 2 METAL MIZER Vertical-tilting Cutoff Saws
 - 1 IRON WORKER Angle Station 6 1/2" x 8"
 - 3 10' x 18' Structural Welding Fixtures
 - 2 12' x 30' Structural Welding Fixtures
 - 2 I-Beam Straighteners
 - 2 10 Station Hole Gang Drilling Machines
 - 1 3/8" X 6 ft. Capacity Montgomery Sheet and Plate Rolling Machine with Digital Readout
 - 2 Bead / Sand Blast Systems (Indoor & Outdoor)
 - 1 – Ercolina Structural and Tube roller/bender

PAINTING

- 2 15' x 30' Wet Spray Painting Booths
- 1 16' x 34' Automotive Class Filtered Down Draft Wet Spray Painting Booth
- 2 12' x 30' Drive Thru Wash/Pre-treat Booths
- 1 11ft x 11ft x 11ft automatic wash/pre-treat Spray Cabinet- Multi stage.
- 8 Binks HVLP wet spray painting systems
- 3 Electrostatic Powder Coating Systems
- 2 18' x 14' x 11'H Fully Enclosed Downdraft Powder Coating Booths
 - 1 9' W x 9' H x 14' L Gas Fired Baking Oven
 - 1 10' W x 10' H x 14' L Gas Fired Baking Oven
 - 2 8' x 8' x 40' Paint Storage Lockers
 - 8 7 1/2 gal. Pressure Pots
 - 2 Fresh Air Supply Hood Systems
 - 1 3' x 4' Silkscreening Backlit Table Station

ENGINEERING AND PROGRAMMING

Design and modeling capability:
Solidworks, Pro E, Auto Cad

CNC Programming capability:
Mastercam, ProFab, ProFold, SigmaNest

CINCINNATI Advanced Bend Simulation Software for Offline Press Brake CAM Programming & Engineering

QUALITY CONTROL

Compliant towards Mil-I-45208, Mil-STD-45662
Quality Assurance Manual in Place

- 2 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 vernier calipers, 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
- 2 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 Ride Tractor
- 2 10 Ton x 24 ft. FORD Box Trucks- Air Ride
- 1 10 Ton x 26 ft. FORD Flat Bed Truck- Air Ride
- 2 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

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