

### 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.
- 1 CINCINNATI – 500 Ton 16 ft CNC Hydraulic Press brake, CNC multi axis heavy duty Back Gage, extended stroke & throat, Autocrown.
- 1 CINCINNATI - 350 Ton 14ft CNC Hydraulic Press Brakes with Computerized Backgauges, Extended stroke & Auto-Crown Compensators.
- 3 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 - 1/4" x 12 ft. CNC Hydraulic Shear With CNC backgage & power knife clearance.
- 1 1/4" x 48" Mechanical Shear
- 1 36" Timesaver Abrasive Belt Wet systems with Dryers
- 1 BROWNE & SHARPE Punch Press Tool grinder/sharpeners
- 2 PEM-Serter Presses, Series 2000 PEM models with auto feed fastener systems.

### MACHINING

- 3 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
- 3 CNC Machining Centers-100" x 25" x 26" Capacity
- 2 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 CNC Turning Center- 5 axis with sub spindle and live milling tooling, 3" dia bar cap, chucks/collets.
- 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
- 4 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

- 3 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
  - 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
- 2 12' x 20' x 12' Prep Booths
- 3 Electrostatic Powder Coating Systems
- 3 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
  - 1 10' W x 10' H x 16' L Gas Fired Baking Oven
  - 2 8' x 8' x 40' Paint Storage Facilities
  - 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
- 8 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
- 26 2 Ton JIB Cranes located throughout plant

### TRAFFIC AND DELIVERY

- 2 53 Ft Air Ride Box Trailers w/ Air Ride Tractors
- 3 10 Ton x 26 ft. Freightliner Box Trucks- Air Ride
- 1 10 Ton x 26 ft. Sterling Flat Bed Truck- Air Ride
- 2 3/4 Ton CHEVROLET Vans
- 1 4 Ton Toyota Propane Forklifts
- 4 2.5 Ton Propane Hyster Forklifts
- 4 2 Ton Electric Hyster 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

140,000 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  
Computerized Real Time Graphical Scheduling