

Facilities List

3 Modern Manufacturing Facilities:

- 125,000 sqft Building
- 80,000 sqft Building
- 35,000 sqft Building

QUALITY DEPARTMENT

Coordinate Measuring Machines:

- 1 Brown & Sharpe Omega CMM Z= 40" X= 60" Y= 160" w/ PC DMIS
- 2 Brown & Sharpe One CMM Z=27" X= 39" Y=28" w/ PC DMIS
- 2 Brown & Sharpe Global CMM Z=45" X= 50" Y=80" w/ PC DMIS
- 1 Fabrivation Digital Flat Blank Scanner X=36" Y=80"
- 5 Granite Surface Plates from 4' X 6' to 6' X 8'
- 1 Mitutoyo 14" Optical Comparator

SHEET METAL FABRICATION DEPARTMENT

Cutting, Punching & Shearing Equipment:

- 1 Mazak Super Turbo X550 MKII 2500W 5 Axis Laser w/ 5' X 10' sheet capacity & automated loader and automated cut capacity to 3/4"
- 1 Mazak Space Gear 510-MKII 2500W Laser w/ 5' X 10' sheet capacity & automated loader and automated cut capacity to 3/4"
- 1 AMADA 4000W Laser w/ 5' X 10' sheet capacity & automated 10 sheet loader and automated cut capacity to 1-1/4"
- 1 Gasparini Shear Co-3006, capacity 1/4" X 10'
- 1 Amada EM2510 Turret Punch Capacity to 1/4"
- 1 Amada EMK 3610NT Turret Punch w/ 6 sheet automated loader
- 1 Aida 150 Ton OBI C-Frame Punch Press w/ Lytell stock feed cradle system
- 1 Amada SPH-30 Single Punch
- 1 Amada TOGUIII Punch & Die Grinder
- 1 Amada 24" Multi-roller sheet leveler
- 2 Power Roller w/ capacity to 3/16" X 5'
- 1 Diacro small tube bender

PRESS BRAKE FORMING EQUIPMENT

CNC Press Brakes:

- 1 Amada HB2042 Brake 242 Ton X 174" Bed
- 2 Amada FAB III-1253 Brake 135 Ton X 120" Bed
- 3 Amada RG 125 BRAKES 125 Ton X 120" Bed
- 3 Amada RG 80 BRAKES 80 Ton X 96" Bed
- 5 Amada RG 50 BRAKES 50 Ton X 72" Bed
- 3 Amada RG 35 BRAKES 35 Ton X 49" Bed
- 1 Amada ASR 510M
- 1 Amada AMS 3015

WELDING DEPARTMENT

Conventional Welders:

- 1 Miller CP-300 MIG Welder
- 1 Miller Delta Weld 452 MIG Welder
- 6 Miller Maxtron 450 MIG Welders
- 1 Miller Invision 456P MIG Welder
- 1 Miller SR300 Stick Welder

Conventional Welders (continued):

- 4 Miller Square Wave TIG Welders
- 1 Miller Syncrowave 350LX TIG Welder
- 1 Miller Syncrowave 250 TIG Welder

Spot Welders:

- 2 Amada ID40ST 80 KVA
- 1 Teledyne Peer 250 KVA
- 1 Automatic Stud Welder

Robotic Welding Equipment:

- 1 Fanuc/Lincoln Robotic Welding Cell w/ automated indexing & continuous contouring table

Welding Positioners:

- 2 Fab-Weld 450 LB. 12"
- 1 Ransome 20,000 LB. 60"
- 1 Aronson 5,000 LB. Sky-Hook

Manual Cutting Equipment:

- 1 Oxy-Acetylene Torch Set
- 1 Thermal Dynamics 400XL 2" Plasma Cutter

DEBURRING DEPARTMENT

Sanding & Deburring Equipment:

- 2 Timesaver 310D 36" Wide Sheet Grinders
- 3 Stroke Sanders w/ 60" Stroke Capacity
- 4 Vibratory Deburring Machines
- 1 Aluminum Grinding Booth
- 1 Steel Grinding Booth

ASSEMBLY AND HARDWARE INSERTION DEPARTMENT

- 2 Haeger 824 Insertion Machines w/ Bowl Feed automatic inserters
- 3 Haeger 618 Insertion Machines w/ Bowl Feed automatic inserters
- 1 Orbit Form 240-0000 Orbital Riveter
- 1 Haeger Manual Insertion Machine

CNC MILLING DEPARTMENT

Vertical CNC Milling Equipment:

- 1 Mazak Nexus 310C 20" X 40"
- 1 Hyundai VX 400 26 X 48"
- 1 Mazak VTC 16B 22" X 44"
- 2 Mazak Nexus 510C 22" X 42"
- 1 Mazak Nexus 410A 20" X 40"
- 1 Mazak Nexus 410B 20" X 32"
- 1 Mazak VTC 300C 30" X 65"
- 1 Haas VF3-SS 16" X 32"
- 1 Haas VF-2 16" X 36"
- 13 Haas VF-4SS 20" X 40"
- 2 Haas MDC-500 (2) 14" X 20" Pallets
- 2 Hass VF-5/50 22" X 50"
- 2 Hass VF-3YT 22" X 60"
- 2 Hass VF-11 40" X 80"
- 1 Mazak FJV60-120 60" X 120"
- 1 Hass TM1P

FIVE AXIS CNC MILLING EQUIPMENT:

- 1 Mazak VARI-AXIS 630-5X II (2) 24" X 24" Pallets

FIVE AXIS CNC MILLING EQUIPMENT (continued):

- 1 Mazak VARI-AXIS 500-5X II (2) 20" X 20" Pallets

HORIZONTAL CNC BORING MILLING EQUIPMENT:

- 1 Toshiba BP-130-R22 100" X 160"
- 1 Mazak Nexus 4000-II 24,000 RPM Horizontal
- 1 Toshiba BP-130.R32 Horizontal

CNC Turning Department

Horizontal CNC Lathes:

- 3 Mazak Quick Turn 15N 15" Swing X 22" Long
- 1 Mazak Quick Turn 30 28" Swing X 40" Long
- 1 Mazak SQT 30 30" Swing X 30" Long
- 1 Mazak Nexus 200-II-MS 8" Swing X 22" Long w/ live tools
- 1 Mazak Integrex 200-IV 12" Swing 5 AXIS w/ live tools & sub-spindle
- 1 Mazak Nexus 200-MS 8" Swing X 20" Long
- 1 Hyundai-KIA SKT-300M 18" Swing X 40' Long

TOOL CRIB

- 1 Parlec CNC Tool Setter Storage System for CNC Holders
- All cutters, inserts & supplies used daily on floor

TOOL ROOM DEPARTMENT

Tool Room Mills Lathes & Drills:

- 2 Bridgeport Milling Machining 12" X 42"
- 1 Bridgeport Milling Machining 12" X 42" PRTRK
- 3 Fostick Drill Press
- 1 Tool Room Precision Lathe HLV
- 1 Haas TMIP Tool Room CNC Mill

Tool Room Grinders:

- 2 Surface Grinders 6" X 18"
- 2 M40 Tool & Cutter Grinders
- 1 Shigiyu 10" X 60" Cylindrical Grinder

Tool Room Broach Hone Jig Bore & Jig Grinder:

- 2 Davis Manual Broach Machines capacity to 2"
- 1 Moore #3 Jig Borer 16" X 22"
- 1 Moore #3 Jig Grinder 16" X 22"

Tool Room Hone Machines:

- 1 Sunnen w/ Mandrels to 6"D

Tool Room Saws:

- 2 Jet Vertical Band Saws
- 1 Jet Horizontal Cut-off Saw

Production Saws:

- 2 Amada CNC Horizontal Cut-off Saw WA-2500
- 1 Marvel 12" Vertical Table Saw
- 1 Kasto 14" CNC Cold Saw
- 1 Hydmech 16" CNC Vertical Cut-off Saw

Tool Room Tap Removal Machine:

- 1 Electro Arc Tap Remover

MATERIAL HANDLING EQUIPMENT:

- 1 Kone 20 Ton Overhead Bridge Crane
- 2 Raymond Narrow Isle Stacker Trucks
- 4 Hyundai 4,000 LB. Fork Lifts
- 1 Toyota 17,500 LB Fork Lift
- 1 Versa-Lift 60/80 80,000 LB Fork Crane Truck