



## COMPUTER EQUIPMENT

### PC's

- 2- AMD Opteron, CAD stations w/NEC Multisync 6FG monitor
- 1- Dell P4, CAD station
- 1-Macintosh SE

### CAD-CAM

- 1- Surfcam 4 Axis system
- 1- Surfcam 3 Axis Plus system
- 1- Cimatron 4 Axis System

### DATA

- 2- DAT 4mm Tape backup systems
- 2- Colorado QIC 80 Tape backup systems
- 4- ZIP Drives
- Modem & On line Capabilities

### MISC.

- 1- Calcomp Designmate 3036M,E-size plotter
- 3- Misc. Printers
- 1- ImageWriter II printer



## CNC EQUIPMENT

### MILLING

- 1- Fadal VMC 6030 HT      30 tool ATC    10000 RPM
- 2- Fadal VMC 4020 HT      21 tool ATC    10000 RPM
- 1- Bridgeport Interact 412V      12 tool ATC    6000 RPM
- 1- Bridgeport R2E4            12X18            4000 RPM
- 1- Fadal VH-65 4th Axis w/center, 6" 3 & 4 jaw chuck, 5c collet attachment

### LATHE

- 1- Ikegai FX25N      10" Chuck      14"dia cap.    6 tool turret

### DIGITIZING

- 1- Sharnoa Universal Laser Digitizing System  
(3D Digitizing, Machining & CMM)
- 1- Renishaw MP1 Probe, (3D Digitizing & CMM)



## MACHINING EQUIPMENT

### LATHE

- 1- Mazak Gap Bed 14/24" X 40" W/DRO
- 1- Wade hand turret 5c collet
- 1- Do-All 13" X 40" w/taper & DRO
- Misc. support equipment

### SAWS

- 1- HEM Model H90A Production Band Saw 12 3/4" Cap. With Auto Feed
- 1- 16" Do-All vertical bandsaw
- 1- 8" X 16" Kalamazoo horizontal cutoff
- 1- Scotchman CPO 315pk Cold Saw w/12" blade

### MILLERS

- 4- Bridgeport model 2J W/DRO & Auto Feed
- 1- Volstro milling head
- Misc. Equipment



## DRILL

- 5- 1/2" cap. bench drill presses
- 4- 1/2" cap. floor model drill presses

## HONE

- 1- Sunnen Precision .060-3.0" cap.

## PRESSES

- 1- L&J 50 Ton OBI
- 2- L&J 18 Ton OBI
- 1- Baird 5 Ton Bench
- 1- Benchmaster 4 Ton OBI
- 2- Auto feed coil cradles
- 1- 3" Rapid-Air feed
- 1- 2" Rapid-Air feed
- 1- 3" Hitch feed
- 1- 20T Hydraulic Press

Misc. press equipment: Pancake coil feeders, scrap chopper, oilers,  
etc.



#### HEAT-TREAT

- 1- 9X16X20 Johnson Gas w/auto controls
- 1- 20X20X20 Huppert KH5700 Draw furnace w/auto controls

#### GRINDERS

- 1- 6X12 Reid hand
- 1- 5X10 Do-All hand
- 1- 8X24 Jacobson w/auto downfeed
- 2- Dumore tool post grinders w/ext. spindles
- 1- DME high speed air grinder
- 1- Delta 12" disc sander
- 1- Kar-ry belt sander w/attachments
- Misc. support equipment

#### AIR COMP.

- 1- 5hp Ingersoll Rand 2-stage/80 gal
- 1- 10hp Westinghouse 2-stage/120 gal, water cooled
- 1- 1/2hp Dayton portable



#### MISC.

- 1- Trinco Glass bead cabinet
- 1- Lindsay sandblaster
- 1- Buffing/Polishing wheel

### WELDING EQUIPMENT

#### TIG/MIG

- 1- Miller Syncrowave 250
- 1- Lincoln Idealarc 250
- 1- Miller Econotig Welder
- 1- Bernard dual feed cooler
- 1- Lincoln SP175 Plus MIG Welder

#### ARC

- 1- Miller 230 AC/DC

#### MISC.

- 2- Set Oxy/Acetylene cutting & welding torch
- 1- Mac 43 Plasma-Arc Cutter
- 1- Stud Welder



## INSPECTION EQUIPMENT

### CMM

- 1- Sharnoa Universal Laser Digitizing System
- 1- Renishaw MP1 Probe (Adapts to Fadal VMC's)

### MISC.

- 1- Mod 14-2A Eastman Kodak Comparator w/surface 10X,20X,50X
- 2- Sets Do-All gage blocks
- 2- Sets Vermont gage pins .060-.750"
- 1- Mititoyo 12" Heightmaster
- 2- Sets bore gages .500-6.000"
- 1- 3'X4'X8" Rock of Ages surface plate
- 1- 2'X3' Starrett surface plate
- 3- 18X24" surface plates
- Misc. Indicators & Accessories