



## FACILITIES LIST

### **ENGINEERING**

#### ENGINEERING DESIGN FACILITY

- MACHINE DESIGN AND BUILD
- AUTOMATION EQUIPMENT
- ASSEMBLY FIXTURES AND TOOLING
- PROTOTYPE DESIGN
- COMPLETE ELECTRO-MECHANICAL ASSEMBLY AND TEST FACILITY

### **MILLING**

- 2 BRIDGEPORT WITH PROTO-TRAK AXIS CNC
- 2 TRAK SMX 2 AXIS CNC KNEE MILL
- 1 NO. 1 ½ MOORE JIG BORE
- 1 NO. 2 MOORE JIG BORE
- 1 NO. 3 MOORE JIG BORE

### **CNC MILLING**

- 4 TRAK DPM 3 AXIS CNC BED MILL
- 1 HAAS VF-4SS CNC VERTICAL MACHINING CENTER  
5 AXIS, 40 TOOL, 50" x 20" x 25" TRAVEL
- 1 HAAS VF-4SS CNC VERTICAL MACHINING CENTER  
5 AXIS, 40 TOOL, 50" x 20" x 25" TRAVEL
- 1 HAAS VF-5SS CNC VERTICAL MACHINING CENTER  
4 AXIS, 50 TOOL, 50" X 26" X 25" TRAVEL
- 2 MATSUURA MC-800 VGII VERTICAL CNC MACHINING CENTER  
31" X 20" X 20" TRAVEL
- 1 FANUC ROBODRILL D21MiB5  
4 AXIS, 21 TOOL, 19.7" X 15.8" X 13" TRAVEL
- 1 MATSUURA ES-800V VERTICAL CNC MACHINING CENTER  
31" X 21" X 20" TRAVEL



## **FACILITIES LIST CONTINUED**

### **TURNING**

- 2 HARDINGE HLV-H HIGH SPEED TOOL ROOM LATHE WITH THREADING ATTACHMENT
- 1 VICTOR 16" x 40" ENGINE LATHE WITH ACCURITE MILLVISION

### **CNC TURNING**

- 1 TRAK TRL 1845SX CNC LATHE
- 2 NAKAMURA-TOME SC-300 CNC TURNING CENTER  
2.80" BAR CAPACITY, 22.05" MAX SWING, 12 TOOL POS., 13.78" MAX TURN DIA
- 1 TRAK TRL 1840 CSS CNC LATHE
- 1 OKUMA MULTUS B250II MULTI-AXIS TURNING/MILLING CENTER
- 1 TRAK TRL 2470RX WITH PROTOTRAK RLX CNC LATHE
- 1 TRAK TRL 1840V WITH PROTOTRAK CNC LATHE

### **GRINDING**

- 2 NO. 2 MOORE JIG GRINDER
- 1 HARIG 612 SURFACE GRINDERS
- 3 MITSUI 612 SURFACE GRINDERS
- 1 OKAMOTO ACC 8-20 ST SURFACE GRINDER
- 1 HEALD MODEL 237A UNIVERSAL I.D. GRINDER
- 1 KELLENBERGER 600U I.D./O.D. GRINDER 10" x 30" CAPACITY
- 1 KELLENBERGER 1000UR I.D./O.D. GRINDER 10" x 40" CAPACITY

### **WIRE EDM**

- 2 AGIE PROGRESS II SUBMERSIBLE HIGH SPEED WIRE EDM  
MAXIMUM CUTTING DIMENSIONS (X x Y x Z) 350 mm x 250 mm x 256 mm
- 1 AGIE AGIEDRILL EDM DRILLING MACHINE  
MAXIMUM CUTTING DIMENSIONS (X x Y x Z) 300 mm x 200 mm x 300 mm



## **FACILITIES LIST CONTINUED**

### **QUALITY CONTROL DEPARTMENT**

- 1 MITUTOYO PROGRAMMABLE CMM MODEL 574  
20" x 28" x 16" (WORK SURFACE 46" x 26")
- 1 OPTICAL COMPARATOR - MITUTOYO MODEL PH3500
- 1 OPTICAL COMPARATOR – MICROVU MODEL H14

FULL LINE OF INSPECTION EQUIPMENT INCLUDING CADILLAC GAGES, HEIGHT,  
ROCKWELL HARDNESS TESTER

### **MISCELLANEOUS**

SUNNEN HONE

MILLER TIG WELDER

SAND BLASTER

TUMBLER

AUTOMATIC CUT – OFF, TABLE, AND BAND SAW

COMPLETE SET OF TOOL ROOM EQUIPMENT AND ACCESSORIES

BRANSON MODEL 5200 ULTRA-SONIC CLEANER

PRECISION DEBURRING EQUIPMENT

SEALED AIR FOAM PACKAGING SYSTEM

BOROSCOPES