



Shown below is our most recent equipment list which reflects the technology we are currently using. The actual contents of U.S. Precision Mold would be far too redundant and lengthy to present in this fashion, however this listing reflects our most substantial assets.

## **USPM EQUIPMENT LIST**

### **Computer Equipment and Software:**

US Precision runs a secure Windows XP/NT network.

- 1 - N440BX 450 MHZ Dual Processor NT Server
- 1 - HP Netserver 5/133 LC w/Windows NT Server (each station is networked to the server)
- 1 – Seat – Floating License - Pro Engineer with Manufacturing Package
- 1 – Seat – Floating License - Pro Engineer with Modeling Package
- 1 – Seat – Powermill CAM
- 1 - Seat - CadKey design software
- 1 - Seat - KUBOTEK – KeyCreator
- 2 - Seats – GibbsCAM/Milling Package
- 1 - Seat - GibbsCAM/Lathe Package
- 1 - Hewlett Packard Design Jet 650C Plotter
- 5 - Seats – Quick Books Pro 2004

### **CNC Equipment:**

- 1 – Mitsubishi EA30E CNC Sinker EDM with 24 position tool changer and 48”X33.5”X17.1” worktank.
- 1 – Mitsubishi V35F CNC Sinker EDM Machine with Fuzzy Logic and 16 Position Tool Changer
- 1 – Doosan REVO51P Vertical Machining Center 43” X 20” Travel
- 1 – Fadal Vertical Machining Center 45” X 25” Travel
- 1 – Matsura MC 550VO High Speed Machining Center
- 1 – Nakamura Tome CNC Turning Center
- 5 – 3R Dyna Fix Pallet Systems for Off-line Part Set-up and Inspection
- 1 – Agiecut 320 MMD Wire EDM machine/Joemars EDM Drill JM325D (Hole popper)
- 1 – Macro Magnum Pallet System with 3R Refix Plates

### **Grinding Equipment:**

- 1 – Mitsui Seiki 16 X 32 wet surface grinder
- 1 – Harig 612 surface grinder
- 1 – Okamoto 6 X 18 wet surface grinder
- 1 – Harig 618 surface grinder
- 1 – Okamoto 6 X 12 surface grinder
- 1 – Deckel cutter grinder

### **Inspection-Q.C. Equipment:**

- 1 – OGP 14” Optical Comparator
- 2 – 12” Micrometer Set
- 5 – Starrett Surface Plates
- 1 – Mitutoyo cadillac gauge
- 1 – Starrett cadillac gauge
- 1 – OPG Smart Scope MVP150 with Video Imaging

**Miscellaneous Equipment:**

- 4 – Vertical mills with digital readouts
- 1 – Huppco 2304 PC heat treat furnace
- 1 – Accupro Rockwell hardness tester
- 2 – Hermann Schmidt grinding vises
- 3 – ATCO centerless grinding fixtures
- 2 – Suburban centerless grinding fixture
- 2 – Suburban magnetic sine plates
- 1 – Herman Schmidt magnetic sine plate
- 1 – Herman Schmidt squaring block
- 1 – Kuhn radius and angle dressing tool
- 1 – Starrett radius and angle dressing tool
- 1 – Miller Micro welding system w/intelli tig 4 micro processor arc controller w/microscope
- 2 – Torit self cleaning dust collector system
- 1 – Speedair 10 hp air compressor
- 1 – Monarch EE Manual Lathe
- 1 – Radial Arm Drill Press w/13" column
- 2 – Overhead crane systems
- 1 – Roll-in vertical band saw

Because of our location and longtime relationship we have access to the following list of equipment located at Rogers Wire EDM Service.

- 1 - Charmilles Robofil 4020 Wire EDM Machine
- 1 - Charmilles Robofil 510 Wire EDM Machine
- 1 - Brown & Sharpe Reflex 454 Coordinate Measuring Machine

Acquisitions by year end 2009 include:

- 5-Axis CNC Vertical Machining Center