

## ***Machining House Capabilities***

### ***Capabilities:***

Milling 100" X 30" X 25"  
Turning 12" diameter 24" long  
Surface grinding 8" X 18"  
Cylindrical grinding 6" X 4"  
Broaching  
Reaming  
Honigh  
Burnishing  
Threading  
Tapping  
Tolerances to .0001  
Inspection to .00001  
Assembly  
Reverse engineering  
Digitizing  
Drafting  
Sawing  
Tumbling  
Ultra sonic cleaning  
Irriditing  
Polishing  
Sheet metal work  
Heat threating  
(Machined products only) Drop shipping

### ***Equipment:***

#### ***Inspection***

Zeiss c90HP Eclipse CMM  
Brown and Sharpe Micro-Hite 600 Finishing  
Mitutoyo Heighmatic 600  
Mitutoyo Heightmaster  
Mitutoyo Linea Height  
Zygo Laser Micrometer  
Deltronics Optical Comparitors (3)  
Service Diamond Hardness Tester  
Federal Electronic Indicator  
Mitutoyo Microscopes (5)  
Mitutoyo .5-3.5 Borematic Bore Gage  
Full compliment and styles of Mitutoyo micrometers  
Full compliment of gage pins  
Deltronic Gage pins of various sizes  
4'X6' Granite tombstone  
36" X36" Ghrinite Tombstone  
36" X 48" Granite Tombstone

### ***Specialized services***

Painting  
Silver plate  
Nickel plate  
Irridite  
Anodize  
Hard anodize  
Black oxide  
Welding  
Large volume machining

### ***Materials Machined***

Aluminum  
Cast aluminum  
Extrusions  
Hot and cold rolled steel  
Cast iron  
Stainless steel  
Plastics  
Tool steels  
Inconel  
Titanium  
Tungsten  
Copper  
Brass

### ***Milling Equipment***

Matsuura MC-400H Horizontal CNC Mill  
Matsuura RA-3 CNC Mill  
Matsuura MC-510 CNC Mill  
Matsuura MC-1000 CNC Mill  
Leadwell V-25 CNC Mill  
Partner 10 CNC Mill  
Ex-Cell-O manual milling machines  
Moore Tools Jig Bore

Various smaller granite tombstones

### ***Turning***

Hardinge Superslant CNC Lathe  
Hardinge CHNC CNC Lathe  
Dunham CNC Lathes (2)  
Voest Manual Chucker  
Hardinge HC Turret Lathe  
Hardinge HLV Lathe  
Hardinge DSM-59 Lathe

### ***Sawing***

Skysor Horizontal Automatic Cutoff Saw  
DoAll Bandsaw  
Several Chop Saws

### ***Finishing***

Rosemont 36" tumbler  
ICM Media Blast Cabinet  
Baldor buffing stations  
Wilton Sander  
Branson ultrasonic cleaner  
Safety clean cleaning tank  
Enthone irridite tank

### **Software:**

#### ***CNC Programming Aides***

Autocad LT2003  
Mastercam X2  
Solidworks Viewer  
eDrawings Pro 2008  
24 Port Machine to computer RS-232 interface

### ***Grinding***

Myford Cylindrical Grinder  
Parker Majestic 6X18 Surface Grinder  
K.O. Less 10X18 Automatic feed surface grinder  
Star Tool Grinder  
Powermatic Tool Grinder  
Black Diamond Drill Sharpener

### ***Honing***

Sunnen Honing system

### ***Heat Treatment***

Thermal Systems Dual Oven



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