



- **OKUMA MA-400HA HORIZONTAL 4 AXIS (X=22.05" Y=24.02" Z=24.61")**
 - Tombstone size=10" x 24", 4 sided.
 - Automatic Tool Change (60 tool capacity).
 - Cat-40 equipped with 8,000 RPM Spindle.
 - THINC Hi-Content CNC control. PC compatible.
 - Purchased New-October 2006.

- **SNK PC-60V 5 AXIS (X=60" Y=26" Z=18")**
 - Table size=24" x 60" Spindle Tilt +/- 25 Degrees
 - Automatic Tool Change (24 tool capacity).
 - Cat-50 equipped with 5,000 RPM Spindle.
 - Fanuc 161 Control.
 - Chip Elevator.
 - NIT Control Post Software for PC operation.
 - Purchased New-September 2003.

- **OKUMA MC-V4020 3 AXIS (X=40" Y=20" Z=20")**
 - Table size=20" x 40"
 - Automatic Tool Change (20 tool capacity).
 - Cat-50 equipped with through the spindle coolant.
 - Purchased New-August 2001.

- **OKUMA MC-V4020 3 AXIS (X=40" Y=20" Z=20")**
 - Table size=20" x 40"
 - Automatic Tool Change (20 tool capacity).
 - Cat-40 12,000 RPM Spindle.
 - Equipped with Renshaw 3 Axis probing and DNC Software.
 - High Speed Machining package.
 - Purchased New-November 2001.

- **OKUMA MX-45VAE 3 AXIS (X=30" Y=18" Z=30")**
 - Table size=20" x 39.5".
 - Automatic Tool Change (20 tool capacity).
 - Cat-40 equipped with Tsudakoma RN150R rotary table for 4th axis capabilities (6.0 dia. x 12.0 length machining envelope).
 - Purchased New-November 1998



- **HAAS VF-10 3 AXIS (X=120" Y=32" Z=30")**
 - Table size=28" x 120".
 - Automatic Tool Change (20 tool capacity).
 - Cat-50, 30 hp.
 - Purchased New-June 1998.

- **OKUMA CADET-MATE 3 AXIS (X=40" Y=20" Z=20")**
 - Table size=20" x 48".
 - Automatic Tool Change (20 tool capacity).
 - Purchased New-July 1997.

- **OKUMA MX-45VA 3 AXIS (X=22" Y=18" Z=17")**
 - Table size=18" x 30".
 - Automatic Tool Change (20 tool capacity).
 - Purchased New-August 1996.

- **OKUMA MC-V4020 3 AXIS (X=40" Y=20" Z=20")**
 - Table size=20" x 40".
 - Automatic Tool Change (20 tool capacity).
 - Cat-40 15,000 RPM Spindle.
 - Equipped DNC-DT100 Software.
 - High Speed Machining package.
 - Purchased Used-April 2004 (New 2002).

- **OKUMA CROWN BIG BORE CNC LATHE (Z=20.47" X=7.28")**
 - Max. Turning Length is 19.68".
 - Max. Turning Diameter 10.63".
 - Swing Diameter over bed 21.65".
 - 12 Tool Turret.
 - Bore Diameter 2.75".
 - Purchased New-Feb. 1999.



- **OKUMA CROWN E CNC LATHE (Z=20.47" X=7.28")**
 - Max. Turning Length is 19.68".
 - Max. Turning Diameter 10.63".
 - Swing Diameter over bed 21.65".
 - 12 Tool Turret
 - Bore Diameter 2.0".
 - Purchased New-July 2001

- **OKUMA CAPTAIN I370-SBB-M CNC LATHE (Z=20.47" X=7.28")**
 - Max. Turning Length is 19.68".
 - Max. Turning Diameter 14.57".
 - Swing Diameter over bed 20.86".
 - (12 Tool Turret).
 - Bore Diameter 2.75".
 - Straight and 90 deg live tool holders.
 - Tool setter and parts catcher.
 - Purchased New-September 2004
 - **SMW 2104 SPACESAVER BARFEEDER (48.0" Length capacity)**
 - Purchased New-May 2001.

- **ALLIANT 1152-3V (Like a Bridgeport)**
 - Table size=10" x 54".
 - Newall DRO on X, Y, and Z Axis.
 - Servo Power Feed.
 - Purchased New-November 1998.

- **ALLIANT AL 50C (Like a Bridgeport)**
 - Table size=9" x 50".
 - Sony DRO
 - Servo Power Feed
 - Purchased New-August 1996.

- **BROWN & SHARP REFLEX 343 1B System CMM (14"x16"x12")**
 - Purchased New-July 1997.

- **ZEISS CMM SPECTRUM (27.5 x 39.3 x 22.8)**
 - Purchased New March 2006.



- **ROCKWELL HARDNESS TESTER HR-150**
 - Purchased New-March 2002
- **DIGITAL CONDUCTIVITY METER** (Centurion)
 - Model FM-140XL Purchased New-July 2004
- **OPTICAL COMPARATOR, JONES & LAMSON FC-14**
 - Purchased Used-April 2002
- **MasterCAM Versions 9 & 10 Cad/Cam system for Windows**
 - CATIA conversion software included.
 - Purchased New-July 1998.
 - Under maintenance to keep updates current.
- **ENOVIA (Viewer for CATIA files)**
 - Purchased New-July 2010.
 - Under maintenance to keep updates current.
- **JobBOSS ERP System**
 - Purchased New-July 2007.
 - Under maintenance to keep updates current.
- **Original Facility (4,800 sq. ft.)**
 - Erected New-August 1996.
- **Climate Controlled**
 - Added to manufacturing area June 1, 2000.
- **Expansion to original facility (4,800 sq. ft.)**
 - Erected New-August 2001.
- **Storage Building (2,000 sq. ft.)**
 - Erected New-August 2004.