



## *Hudson Machine & Tool Works for You*

Hudson Machine & Tool offers a variety of machining processes at a very competitive cost. Serving customers throughout the Midwest for over 30 years, today our 28,000 square foot facility features a wide array of equipment and experienced machinists to meet your needs.

Consider Hudson Machine & Tool to provide quality parts and assemblies with shipments to customers on a timely basis.

A partial listing of our current equipment:

### **Lathes**

- 2000 OKUMA Crown CNC with 2" thru hole
  - 1999 OKUMA LNC-10 CNC, 2-3/4" thru hole, 12" chuck, 49" work length
  - 1999 OKUMA Crown CNC with parts catcher and 2" thru hole
  - 1999 OKUMA Crown CNC / Big Bore with parts catcher, barfeed, 2-5/8" thru hole
  - 1997 OKUMA LNC-10 CNC, 3-5/8" thru hole, 15" chuck, 26" work length
  - 1997 PUMA V15-3A CNC, 30" swing, live tools
  - 1997 TOSHIBA TMD-16 CNC, 76" swing, live tools
  - 1995 OKUMA LNC-10 CNC, 2-3/4" thru hole, 12" chuck, 49" work length
  - 1994 OKUMA LNC-8 CNC, 8" chuck, collets up to 1-3/4"
  - 1994 OKUMA LNC-8 CNC / Big Bore, 2-1/2" thru hole, 10" chuck, 20" work length
  - MONARCH 20-1/2" swing, 48" centers, 3- and 4-jaw chucks, DRO
  - SHARP 14" swing, 48" centers, 3-jaw chuck, collets to 5/8", steady rest DRO
  - AJAX 14" 24 gap, 48" centers
- 1998 TREE 1060 CNC, table travel: X40 / Y24, rotary indexer
  - 1996 TREE 1060 CNC, table travel: X40 / Y24
  - BRIDGEPORT (three units), table travel: X42 / Y9, DRO
  - MILWAUKEE Horizontal and Vertical Model H DRO

### **Horizontal Mills**

- 2003 OKUMA MA-60HB, twin pallet
- 2000 KIA KBN-135, X110 / Y78 / Z78

### **Inspection**

- MITUTOYO Coordinate Measuring, 4' cube
- BROWN & SHARPE Coordinate Measuring Microval 454, table travel: 18" / 20"
- WILSON 3JR hardness tester
- Thread gauges, digital bore gauges, pin gauges
- Measurements to 36" (with digital calipers)

### **Saws**

- HEM H101A-1 auto-feed horizontal band saw
- GROB vertical band saw

### **Grinding**

- OKAMOTO PSG 208 32 x 80
- OKAMOTO 12-24 DX, surface grinder
- TOYODA G32N Cylindrical, with gauges and flagging

### **Welding**

- Stick, Heli-Arc, Wire Feed (steel, stainless steel, aluminum)
- 100-Amp Plasma Cutter
- Rotary Positioner

### **Miscellaneous**

- Bead & Sand Blasting Facility
- CHARMILLES HD 30 CNC Electric Hole Popper
- Paint Booth

### **Vertical Mills**

- 2007 MA550VB OKUMA with 4th Axis: X55/Y24
- 2006 VTEC Bridge Mill, table travel: X126 / Y90 (2) Full 4<sup>th</sup> axis
- 2002 OKUMA MC-V4020, table travel: X40 / Y20
- 2000 OKUMA V4018, table travel: X40 / Y18, rotary indexer
- 2000 OKUMA 4020, table travel: X40 / Y20
- 1999 SUPER MAX, table travel: X55 / Y24, full 4th axis capability
- 1998 OKUMA MX45 VAE CNC, table travel: X31 / Y16
- 1998 QUANTUM 2000, table travel: X35 / Y80
- 1998 QUANTUM 1500, table travel: X30 / Y60