



Quality Machining from Prototype to Production

6043 Highway 10 NW, Suite 2

Ramsey, MN 55303

Phone: 763-753-9631 Fax: 763-753-9308

E-mail: jbtmachining@comcast.net

JBT Machining, Inc. is committed to quickly producing accurate products to meet the needs of our customers. On time deliveries and attention to customer needs has earned us a reputation as a reliable source. This has been proven with twenty four years experience servicing the following industries: Agricultural, Architectural, Automotive, Automated Equipment, Fitness, Food & Dairy, Packaging Equipment, and Recreational Vehicles. We can help you reduce your inventory costs by using blanket purchase orders or just in time delivery programs. Our services and equipment includes the following:

CNC Vertical Milling

- *NH 4000 Mori Seki Horizontal*
 - *22" X-axis travel*
 - *22" Y-axis travel*
 - *24.8" Z-axis travel*
 - *Pallet Changer*
 - *1,000 PSI Collant Thru Spindle*
 - *120 Tool Capacity*
 - *Renishaw Probe*

- *Haas VF11 - 2007*
 - *120" X-axis travel*
 - *40" Y-axis travel*
 - *10,000 RPM spindle*
 - *30 HP*
 - *Geared Head*
 - *Coolant thru Spindle*

- *Hurco VM1 - 2007*
 - *26" X-axis travel*
 - *14" Y-axis travel*
 - *18" Z-axis travel*

- *Hurco VM1 - 2007*
 - *26" X-axis travel*
 - *14" Y-axis travel*
 - *18" Z-axis travel*

- *Milltronics RH30 - 2007*
 - *63" X-axis travel*
 - *30" Y-axis travel*
 - *28" Z-axis travel*
 - *20 station automatic tool changer*
 - *6,000 RPM spindle*

- *Hurco VMX50 - 2005*
 - *50" X-axis travel*
 - *26" Y-axis travel*
 - *24" Z-axis travel*
 - *10,000 RPM spindle*
 - *24 pocket swing arm tool changer*
 - *Coolant through spindle*
 - *Chip conveyor*

- *Hurco VMX42 - 2005*
 - *42" X-axis travel*
 - *24" Y-axis travel*
 - *24" Z-axis travel*
 - *10,000 RPM spindle*
 - *24 pocket swing arm tool changer*
 - *Chip conveyor*

- *Hurco VMX42 - 2005*
 - *42" X-axis travel*
 - *24" Y-axis travel*
 - *24" Z-axis travel*
 - *10,000 RPM spindle*
 - *24 pocket swing arm tool changer*
 - *Chip conveyor*

- *Milltronics VM17 - 2004*
 - *30" X-axis travel*
 - *17" Y-axis travel*
 - *24" Z-axis travel*
 - *8,000 RPM spindle*
 - *24 pocket swing arm tool changer*
 - *Chip auger*

- *Tree VMC-750 - 2000*
 - *30" X-axis travel*
 - *20" Y-axis travel*
 - *20" Z-axis travel*
 - *20 station automatic tool changer*
 - *40-8,000 RPM spindle with 4th axis*

- *Milltronics MB19A - 1999*
 - *32" X-axis travel*
 - *19" Y-axis travel*
 - *24" Z-axis travel*
 - *Tool room bed mill*

Vertical Milling

- *Bridgeport Series 1 (2)*
 - *30" X-axis travel*
 - *12" Y-axis travel*
 - *Power feed for x and y axis*
 - *Power draw bar*
 - *Flood coolant*
 - *Right angle head with horizontal attachments*
 - *Slide table*

Tapping

- *Procuiner and Tapmatic tapping heads with capacity up to 1-1/8" thread*
- *Flex Arm tapping machine*
- *CNC vertical mill rigid tapping capabilities*
- *CNC Tapmatic tapping heads*

Sawing

- *HYD-MECH H-12A automatic saw 12" X 12" capacity*
- *Roll In vertical band saw*
- *Super Brown compound miter saw with air vise*

Inspection

- *Do ALL 3' X 3' X 4" granite inspection plate*
- *Do ALL 3' X 4' X 6" granite inspection plate*
- *Suburban Tool Master View Optical Comparator with readouts*
- *Mitutoyo 24" electronic height gage*
- *Mitutoyo 18" height gage*
- *Meyer ZZ gage pins up to 1" master set for inspection room*
- *Meyer gage pins for shop set*
- *Deltronics gage pins up to 1"*
- *Mitutoyo gage blocks*
- *Miscellaneous calipers up to 48"*
- *Mitutoyo micrometers up to 12"*
- *Miscellaneous indicators*
- *Precision dial bore gages*
- *Miscellaneous Greenfield thread plug gages master set for inspection room*

- *Miscellaneous Greenfield thread plug gages shop set*

Welding

- *Miller syncrowave 250 tig welder*
- *Miller 250 vintage*
- *Welding positioner*

Programming

- *Gibbs with advanced milling*
- *Fast Cam*

Miscellaneous Equipment

- *Yale Forklift rated for 5,000 lbs*
- *Baker Forklift rated for 4,000 lbs*
- *Pallet jacks rated for 5,000 lbs (2)*
- *Kaeser 15 hp screw compressor*
- *Champion 5 hp air compressor with line dry*
- *15" Sine plate*