



Quality Machining from Prototype to Production

6459 144th Ave NW, Suite A

Ramsey, MN 55303

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

General Info: jbtmachining@jbtmachining.com

President - Jeff Traun: jefftraun@jbtmachining.com

Manufacturing – Brian Traun: brian@jbtmachining.com

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 five 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 Horizontal Milling

- *HX400iF Kitamura MyCenter – TGA Horizontal Machining Center - 2012*
 - *28.9” X-axis travel*
 - *24” Y-axis travel*
 - *24” Z-axis travel*
 - *20,000 RPM Spindle (Geared Head)*
 - *200 Capacity Tool Changer*
 - *Big Plus Spindle*
 - *1,000 PSI Coolant Thru Spindle*
 - *38,000 lb Box Way Machine with 1,969 inch per minute rapids in X, Y, Z axis, full 4+ axis rotary table*
 - *Fastems Flexible 12 Pallet Pool to be able to run more efficiently and to also allow lights out running capabilities*

- *HX400iF Kitamura MyCenter – TGA Horizontal Machining Center - 2012*
 - *28.9” X-axis travel*
 - *24” Y-axis travel*
 - *24” Z-axis travel*
 - *20,000 RPM Spindle (Geared Head)*
 - *200 Capacity Tool Changer*
 - *Big Plus Spindle*
 - *1,000 PSI Coolant Thru Spindle*
 - *38,000 lb Box Way Machine with 1,969 inch per minute rapids in X, Y, Z axis, full 4+ axis rotary table*

- *HX400G Kitamura MyCenter – Horizontal Machining Center - 2013*
 - *24” X-axis travel*
 - *24” Y-axis travel*
 - *24” Z-axis travel*
 - *15,000 RPM Spindle*
 - *Big Plus Spindle*
 - *50 Tool Changer*
 - *1,000 PSI Coolant Thru Spindle*
 - *Blum Probe*

CNC Vertical Milling

- *Kao Ming Bridge Mill KMC423 (HIS Double Column) - 2015*
 - *166” X-axis travel*
 - *86” Y-axis travel*
 - *41” Z-axis travel*
 - *10,000 RPM Cat 50 Spindle*
 - *1,000 PSI Coolant Thru*
 - *60 Tool changer*
 - *80,000 lbs*
- *Hurco VMX84 - 2015*
 - *84” X-axis travel*
 - *34” Y-axis travel*
 - *30” Z-axis travel*
 - *10,000 RPM spindle*
 - *40 tools*
 - *Coolant Thru Spindle*
- *Hurco VMX84 - 2012*
 - *84” X-axis travel*
 - *34” Y-axis travel*
 - *30” Z-axis travel*
 - *10,000 RPM spindle*
 - *40 Tools*
 - *Coolant thru spindle*
 - *Renishaw Tool and Part Probe*
- *Hurco VMX42 - 2014*
 - *42” X-axis travel*
 - *24” Y-axis travel*
 - *24” Z-axis travel*
 - *12,000 RPM spindle*
 - *24 Tools*
 - *Coolant thru spindle*

- *Hurco VMX42 - 2014*
 - *42" X-axis travel*
 - *24" Y-axis travel*
 - *24" Z-axis travel*
 - *12,000 RPM spindle*
 - *24 Pocket swing arm tool change*
 - *Chip conveyor*
 - *Coolant thru spindle*

- *Hurco VMX42 - 2013*
 - *42" X-axis travel*
 - *24" Y-axis travel*
 - *24" Z-axis travel*
 - *12,000 RPM spindle*
 - *24 pocket swing arm tool changer*
 - *Chip conveyor*
 - *Coolant Thru Spindle*

- *Hurco VMX42 - 2012*
 - *42" X-axis travel*
 - *24" Y-axis travel*
 - *24" Z-axis travel*
 - *12,000 RPM spindle*
 - *24 pocket swing arm tool changer*
 - *Chip conveyor*
 - *Coolant Thru Spindle*

- *Hurco VMX42 - 2012*
 - *42" X-axis travel*
 - *24" Y-axis travel*
 - *24" Z-axis travel*
 - *12,000 RPM spindle*
 - *24 pocket swing arm tool changer*
 - *Chip conveyor*
 - *Coolant Thru Spindle*

- *Hurco VMX30 - 2013*
 - *30" X-axis travel*
 - *20" Y-axis travel*
 - *24" Z-axis travel*
 - *12,000 RPM spindle*
 - *24 pocket swing arm tool changer*
 - *Chip conveyor*
 - *1,000 PSI Coolant Thru Spindle*
 - *Blum Probe*

- *Hurco VMX20 - 2014*
 - *40" X-axis travel*
 - *20" Y-axis travel*
 - *20" Z-axis travel*
 - *Coolant thru spindle*
- *Hurco VM1 - 2007*
 - *26" X-axis travel*
 - *14" Y-axis travel*
 - *18" Z-axis travel*
 - *8,000 RPM*
- *Milltronics VM17 - 2005*
 - *30" X-axis travel*
 - *17" Y-axis travel*
 - *24" Z-axis travel*
 - *8,000 RPM spindle*
 - *24 pocket swing arm tool changer*
 - *Chip auger*

Vertical Milling

- *Bridgeport Series 1*
 - *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*

Quality

- *Zeiss Contura G2 AKTIV*
 - *X – 27.600*
 - *Y – 39.400*
 - *Z – 23.600*
 - *Scanning Technology*
 - *Vast XT Head*
- *Vision System 2012*
 - *X – 12.000*
 - *Y – 12.00*
 - *Z – 6.000*

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 250 vintage*

Programming

- *Gibbs with advanced milling*

Miscellaneous Equipment

- *Yale Forklift rated for 5,000 lbs*
- *Toyota Forklift rated for 4,000lbs*
- *Pallet jacks rated for 5,000 lbs (2)*
- *Kaeser 20 hp screw compressor*
- *Kaeser 15 hp screw compressor*
- *Champion 5 hp air compressor with line dryer*
- *15" Sine plate*