



6901 46th Street Kenosha WI 53144 • 262.656.1860 • [www.bothe.com](http://www.bothe.com)

## ABOUT US

ISO Certified since 2003

WBENC-Certified  
Women  
Owned Business

Since 1950, Three  
Generations of  
Manufacturing Excellence

Your One-Stop Shop for  
Custom Machined  
Components & Assemblies



## THE BOTHE WAY

- Superior Performance in Precision Machining
- Prototype to Production
- Extensive Ancillary Services
- Wide Variety of Metals and Plastics
- Inventory Management Expertise Including VMI and Kanban

## TURNING CAPABILITIES

- Diameters from .040" to 15.000"
- Surface finish to 8 RMS

## MILLING CAPABILITIES

- Size Up to 40.00" x 96.00"
- All VMC's have 4th axis capability
- New DMG/Mori Seiki DMU 50's are full 5th axis machine

## INDUSTRIES SERVED

- Surgical tools
- Animal pharmaceuticals
- Theme park components
- Hydraulics
- Railroad valves
- MRI components

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## TURNING EQUIPMENT

- (2) Mori-Seiki NL1500-Y — CNC Turning Center  
6" Chuck; Live Tooling; Y-Axis, High Pressure Coolant/ Chip Blaster  
5C and 16C Collet Adapters
- (2) Tsugami BE20V — CNC Swiss Turning Center  
20mm, Live Tooling
- (1) Amada Wasino G05 — CNC Turning Center  
Robotic Gantry Loader, 8000 RPM Spindle, 5C Collet
- (1) Mori-Seiki SL300-BMC — CNC Turning Center  
12" Chuck; Live Tooling
- (1) Mori-Seiki SL200 MC — CNC Turning Center  
8" Chuck; Live Tooling; Bar Feeder (w/2" diameter capacity)
- (4) Mori-Seiki SL25 — CNC Turning Center
  - (2) 10" Chuck with extended bed
  - (2) 8" Chuck
- (1) Mori Seiki SL35 — CNC Turning Center  
15" Chuck
- (3) Doosan 2100 — CNC Turning Center  
8" Chuck
- (1) Mori-Seiki SL15 — CNC Turning Center  
6" Chuck
- (3) Mori-Seiki AL2 — CNC Turning Center  
6" Chuck
- (3) Warner & Swasey 2-SC — CNC Turning Center  
15" Chuck; 50 hp
- (1) Hyundai/KIA SKT300 — CNC Turning Center  
12" Chuck
- (1) Doosan GT310LM — CNC Turning Center  
12" Chuck, Live Tooling

## MILLING EQUIPMENT

- (2) DMG/Mori-Seiki DMU50 — CNC Vertical Machining Center  
Full 5 Axis, 14,000 RPM, 500mm x 450mm x 400mm
- (1) Mori Seiki NHX5000 — CNC Horizontal Machining Center  
500 Size Table, 1 Degree Increments, 50 Taper
- (1) Mori-Seiki NV5000-B — CNC Vertical Machining Center  
Table: 52" x 24"  
Full 4th axis, high pressure coolant through spindle 14,000 rpm
- (1) Mori-Seiki SV503B — CNC Vertical Machining Center  
Table: 40" x 20";  
Full 4th Axis; w/High Pressure Coolant
- (3) Haas VF-6/50 — CNC Vertical Machining Center  
Table: 64" x 32";  
Full 4/5 Axis; w/ coolant thru the spindle; 50 Taper  
Renishaw Probe

## DRILLING & TAPPING EQUIPMENT (LIGHT-DUTY MILLING)

- (1) Brother S500X1 — CNC Drilling & Tapping Center  
Table: 31.5" x 12.6"; Full 4th Axis; Light duty mill
- (1) DMG/Mori MillTap 700 — CNC Vertical Machining Center  
24,000 RPM, .9 second tool change (CTC), 60M/min rapid traverse