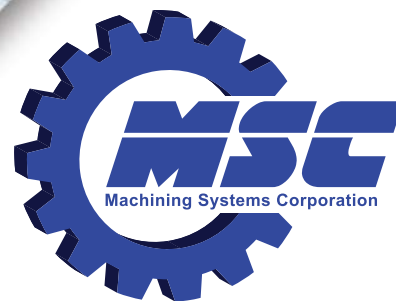


MACHINING SYSTEMS CORPORATION

• PRECISION MACHINING • CNC MILLING • CNC TURNING • FABRICATION • ENGINEERING

WOMEN OWNED BUSINESS



Your complete one stop shop!





Machining Systems Corporation

About Us

Machining Systems Corporation is a comprehensive large part fabrication and machine shop; we have been family-owned and operated since 1994. Our mission is to provide quality parts, service, and on-time delivery at a competitive rate. We are a continually growing company, always striving to embrace and implement the latest manufacturing and machining technology, building upon our core foundation of staff with +100 years of combined machining and manufacturing experience. We work with many difficult materials including Stainless Steel, Cast Iron, Tri-Braze, AR500, Hastelloy, C11000 Copper, and many others. MSC is always looking forward to building new customer relationships and providing excellent service whether it is small, short-run custom parts to high volume production parts and everything in between. We have developed relationships with many of the top vendors in the industry to provide our clients a one-stop option to receive fully completed parts. Machining Systems Corp is ISO9001:2015 and WOSB certified.

Customer satisfaction is our number one goal!

Our Services

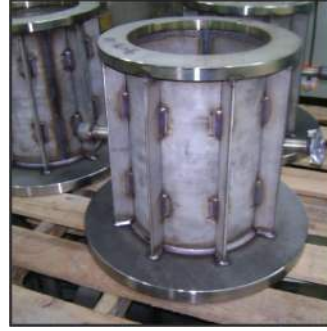
- Boring & Honing Large Diameter
Bores Up To 16" Diameter
- Precision Turning
- 5 axis CNC Milling & Turning
- Drilling, Tapping & Contours
- Large Diameter Pipe Threading
- Lead Screws & Nuts
- 3D Machining Capabilities
- Roll & Journal Repair
- Thread Repair
- Shaft & Roll Machining
- Welding & Fabrication
- Custom Gears
- Pressure Testing
- Mold & Die Work & Repair
- Splines, Broaching & Keyways
- Blanchard & Matteson Grinding
- Heat Treating & Straightening
- Inspection
- Silver Plating, Powder Coating, Chroming,
Oxidizing & Painting
- Polishing to 1 RMA

5 AXIS CNC BORING & MILLING



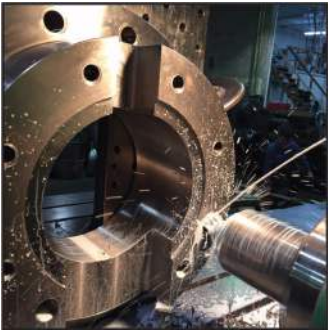
We machine parts and machinery up to the total weight of 20,000 pounds on one of our 5 boring mills. We can retrofit, recondition, and reverse engineer heavy machinery.

WELDING - FABRICATION



We work closely with our vendors who are leaders in welding and fabricating pressure vessels, press frames, and machine bases. This allows us to be a one-stop-shop for all your needs.

PRECISION TURNING & ROLL REPAIR



Expertise in precision turning rolls (up to 12,000 pounds). We currently have two large size lathes and over 20 years of experience utilizing them.

HYDROSTATIC PRESSURE TESTING



We are capable of doing hydrostatic pressure testing up to 1500 psi.

ENGINEERING - REVERSED ENGINEERING



MSC's engineering staff are capable and willing to help you with all of your design needs. We work with a range of clients from hand-drawn sketches to helping engineering departments improve their current designs and processes.

3D SCANNING



Staying true to our goal of adapting technology to ensure customers receive the highest quality service, we provide 3D scanning for reverse engineering and quality control.

Steel Sales

Stainless

Carbon

Copper

Aluminum

Brass

Alloy

Exotic

We supply a variety of steel metal products including:

- round bar
- square bar
- rectangular tube
- square tube
- hex bar
- flat bar
- angle
- plate
- sheet
- threaded rod
- expanded metal
- many more

Our Equipment

HORIZONTAL BORING MILLS

TOSHIBA BTD-13R22

4-axis CNC
5" Dia. Spindle, 70.8" x 86.6" Rotary Table
118" Cross Travel (x-axis) and 90" Vertical Travel
22,000 lbs Table Capacity

KURAKI

5-axis CNC
4.3" Dia. Spindle, 63" x 55" Rotary Table
79" Cross Travel & 59" Vertical Travel

MILLTRONICS HBM110XT

5-axis CNC
4.33" Dia. Spindle, Rotary Table W/ .001
Indexing
80" Cross Travel & 67" Vertical Travel

PFEIPHER

5-axis CNC
5" Dia. Spindle, 68" X 68" Rotary Table
100" Cross Travel (X axis) and 64" Vertical
Travel (Y axis)

SACEM

5-axis CNC
4" Dia. Spindle, 48" X 60" Rotary Table
63" Cross Travel & 48" Vertical Travel

WOTAN

4th Axis Readout
4 3/4" Dia. Spindle, 68" X 68" Rotary Table
62" Cross Travel & 50" Vertical Travel

CNC TURNING AND MILLING

TUR 1100MN CNC FLAT BED LATHE

2-axis CNC
Control w/ thread repair
43.3" GAP, 31" SWING and 157" Between Centers

SMART SL280M

10" CHUCK LIVE TOOL LATHE
Full box ways
Travel (X/Z) 9.45"/24.80"
3500 RPM spindle
MAX turn length 21.02"

BROTHER TC-S2A-0 CNC TAPPING CENTERS

TURNING AND MILLING

POREBA LATHE TPK90-4M

with taper attachment
40" GAP, 27" SWING, 12' Between Centers

JET LATHE 1880

with 2-axis Readout
24" GAP, 10" SWING, 80" Between Centers

BRIDGEPORT MILL

with 2-axis Readout
10" x 36" Table

FABRICATION

KALAMAZOO METAL MUNCHER SERIES GB70

70 TON - Gap Bed Hydraulic Punch Press
9" Throat Depth, 14" Open Height, 7" Stroke Length
1" thru 7/8" max. hole thru material,
4 1/2" thru 3/16" max. hole with special tooling
Rated on mild steel 65,000 psi tensile

MARVEL BAND SAW

Capacity 90° : 18" x 22" (457mm x 558mm)
Capacity 45° : 18" x 12.75" (457mm x 324mm)

JUPITER CN

FMB Precision Gear Drive Saws - Automatic Series

CUTTING CAPACITY	0 DEGREE	45 DEGREE
ROUND	10 1/4"	10 1/4"
RECTANGLE	10 1/4" x 11 3/4"	4 3/4" x 11 1/2"
SQUARE	10 1/4" x 10 1/4"	10 1/4" x 10 1/4"

QUALITY / ENGINEERING

ROMER ABSOLUTE ARM (RA-7325 SEI)

with RS4 Laser
3D Laser and Point Scanner

SOFTWARE

- Design X, Control X
- Fusion 360 CAD/CAM
- Inspection Xpert

WELDING

MILLER DYNASTY 700

700 AMP AC/DC TIG WELDER

MILLER XMT 456CC/CV

with Wire Feed, 400 AMP DC MIG/TIG WELDER

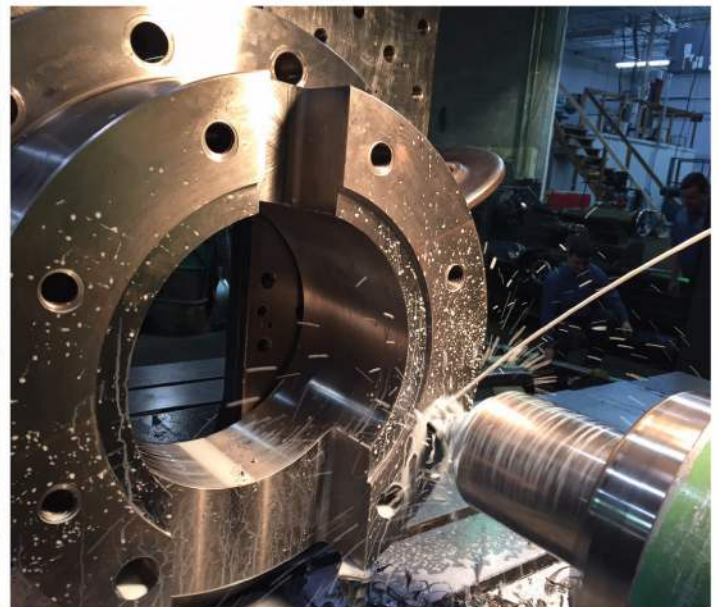
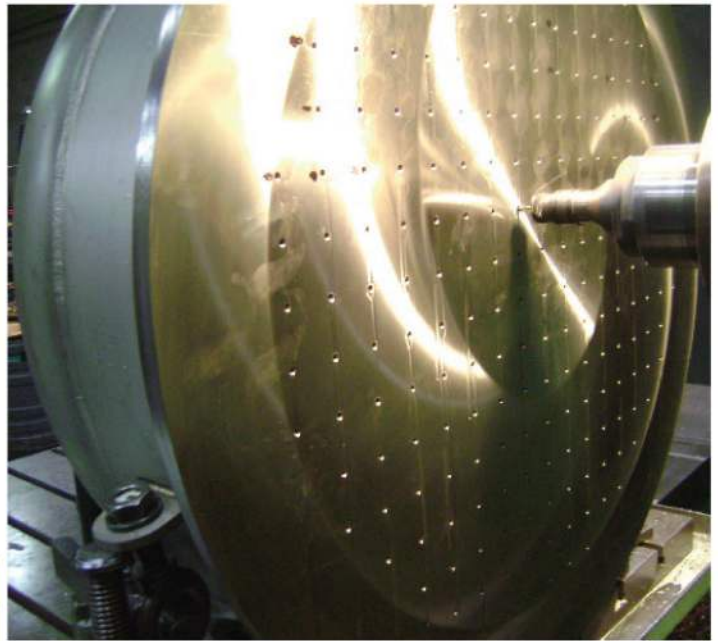
FABRICATION & WELDING

Our proud tradition in welding and steel fabrication has been an industry standard. We are fully committed to every project acquired, from big to small. The customer can be assured that a project fabricated by us will be completed on time and in accordance with project specifications. We welcome the opportunity to provide this same experience and design expertise for you.



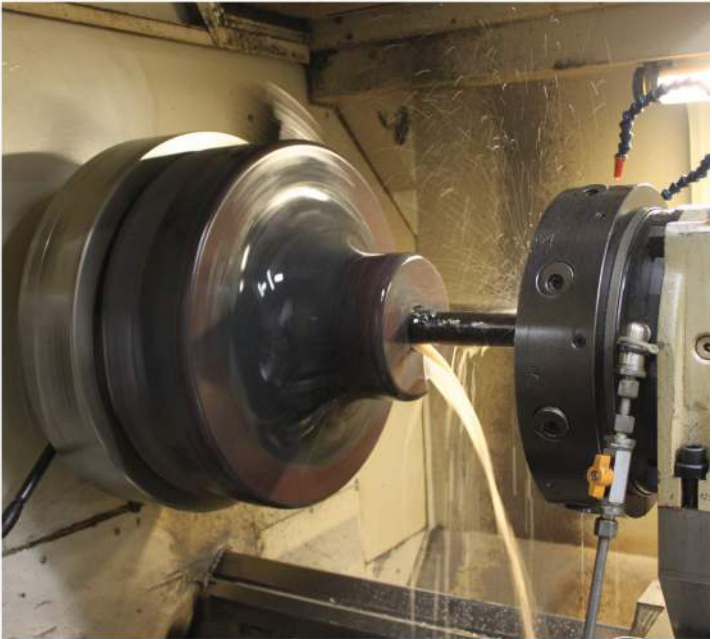
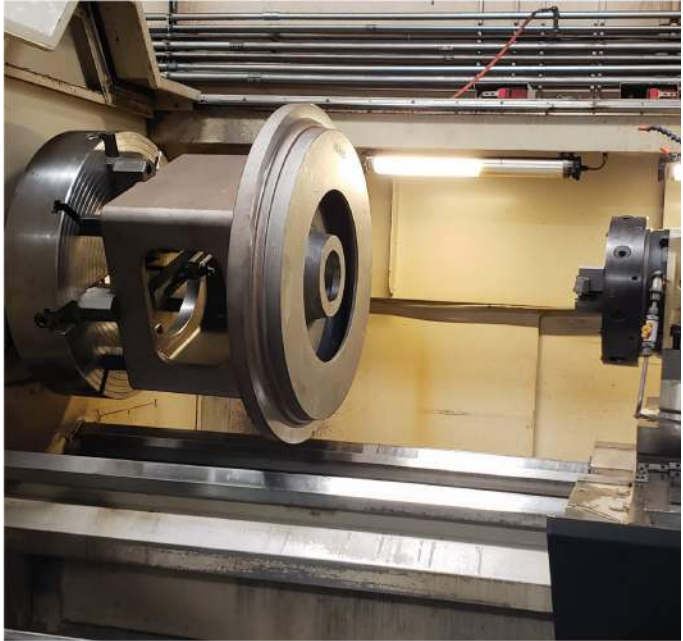
PRECISION MILLING

Machining Systems Corporation has a complete line of milling and turning equipment with extensive welding capabilities positioning it for any challenges in fabrication and machining requirements. Our equipment has the ability to machine large, complex multi-axis industrial parts made from a broad range of materials. It can handle pieces that weigh up to 4 tons with travels up to 100 inches and machine in the 4th axis to ensure the highest quality possible. We are a well-established premier short to medium production run part milling facility in the area.



PRECISION TURNING

With .0005 inch tolerance, our turning equipment offers an RA finish of 16 on heat-treated alloys and tool steels. The turning centers are supported with a large stock of tooling and gaging with long reach ID boring. We have a turning capacity up to 40 inches in diameter and can turn up to 16 feet long.



TO REQUEST A QUOTE CALL 708-385-7903 OR EMAIL MACHSYSTCORP@AOL.COM



MACHINING SYSTEMS CORPORATION

 14003 Kostner Ave Crestwood, IL 60418

 708.385.7903

 machsystcorp@aol.com

 www.machsystcorp.com

