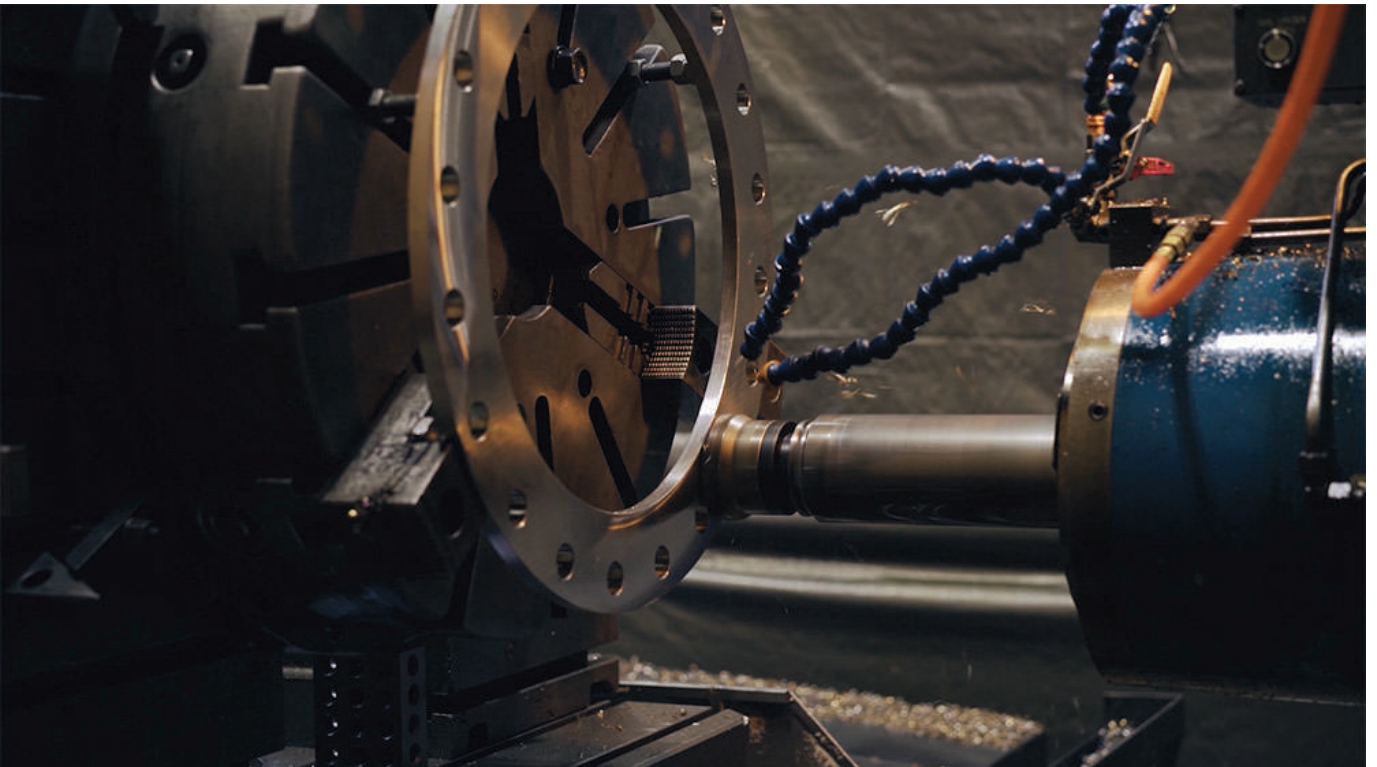
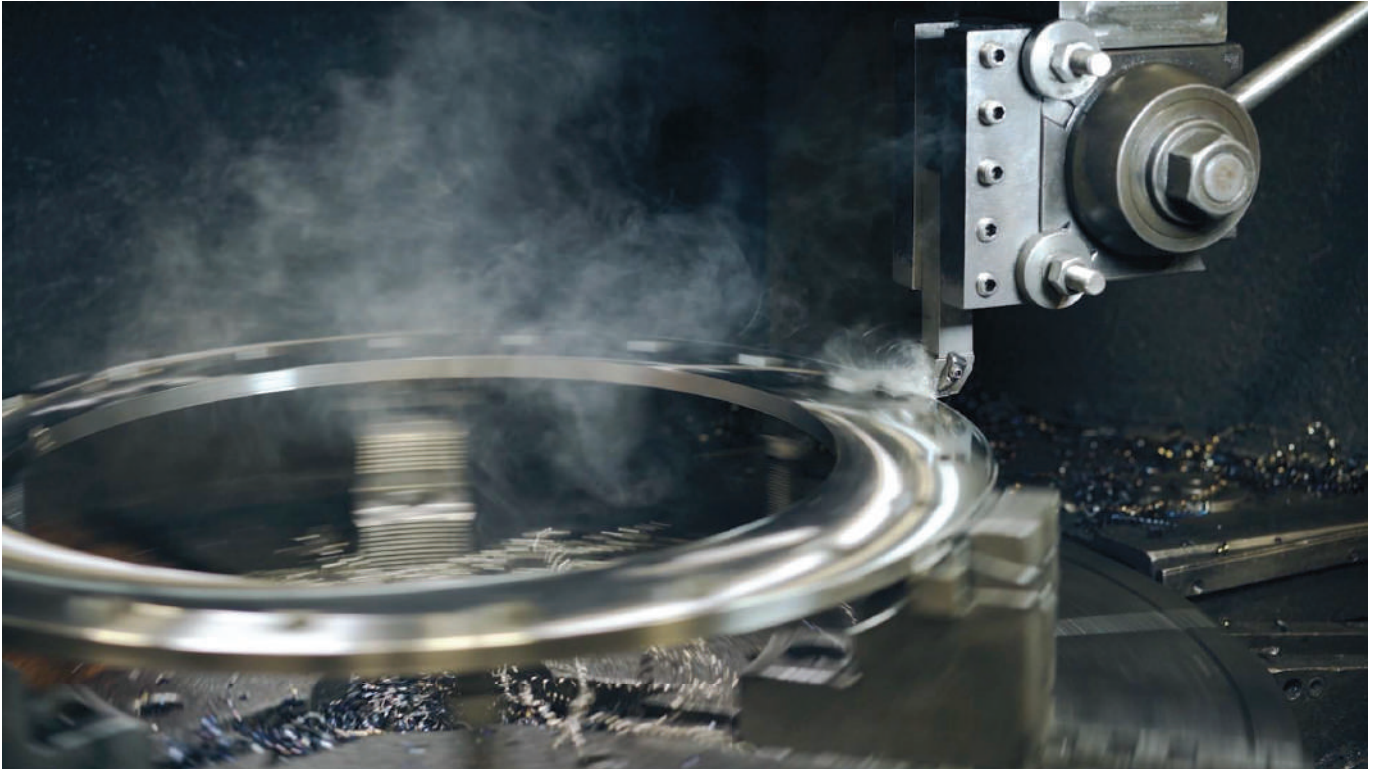


Machining Services



Machining Services - Features & Capabilities

Our machine shop enables API to manufacture product that meets a wide variety of specifications utilizing Buy America, AIS or Import materials. We also support fast turn modifications to our stock items in order to meet customer needs. Whether you have a CAD drawing or sample that needs to be reverse engineered, we can work with you on prototyping, production quantity manufacturing and even warehousing product.

MILLING

- Variety of 3-axis vertical mills allows efficient machining of your part
- Open work envelope of 4-axis horizontal Boring Mill allows machining of parts up to 59"(X) x 39"(Y) x 29"(Z) in size, with the ability to work with larger parts by repositioning

MATERIAL

- Carbon & Mild Steel
- Stainless Steel
- Aluminum
- Duplex
- Super Duplex
- Alloy 20

*Tooling can be added quickly in order to work with almost any material.

TURNING

- Versatile array of lathes can handle your small to medium size parts Two
- CNC lathes with the ability to turn parts with diameters from 3" to 43" Selection of manual lathes supports
- a turning range of 3" to 108" (118" when ID >= 24")

TOLERANCES

Part Size (max)	Tolerance
21"	±.001
42"	±.010
60"	± 1/32
118"	± 1/16

OUR ADVANTAGE

Range of Capabilities:

Experience with a wide variety of products, sizes, materials and specifications.

Quick Turnaround:

Short lead times that allow you to get products to customers when they need them.

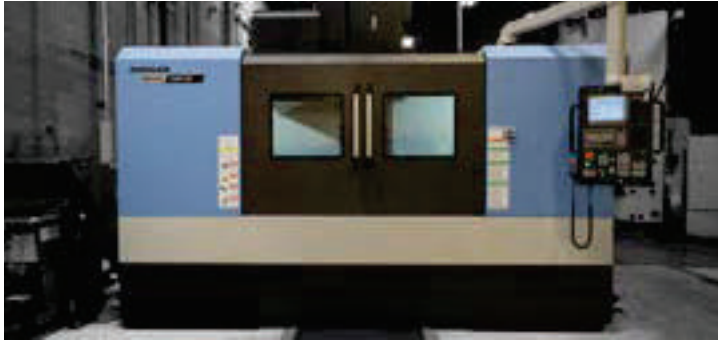
Quality Control:

Quality control technicians working with modern technology, including a Romer Arm CMM, that verifies all products meet customer requirements.

Cost Reduction:

Our machine shop's vast knowledge of tooling and fixturing can help reduce your production cost, especially on your high volume products.

Machining Services - Machines



DOOSAN MYNX 7500/50
- CNC MILL

63" x 30" work envelope
Ideal for: Larger parts and exotic materials



DOOSAN DNM 5700
- CNC MILL

40" x 20" work envelope
Ideal for: High speed milling of material such as aluminum and plastic



HYUNDAI WIA LV1100R
- VERTICAL CNC LATHE

Maximum turning diameter: 39"
Ideal for: High volume turning of complex parts up to 39" diameters



DOOSAN DNM 5400/50
- CNC MILL

40" x 20" work envelope
Ideal for: Precision drilling & milling



BULLARD DYNATROL
- VERTICAL TURRET LATHE

Maximum turning diameter: 108"
Ideal for: Turning rings and flanges with 42" to 108" outer diameters

Machining Services - Machines



MONARCH 96\"/>

Drill holes 0.25\"/>



**QUICKDRILL GANTRY MACHINING CENTER
- HORIZONTAL CNC MILL**

120\"/>



**IKEGAI NB11T
- HORIZONTAL CNC MILL**

Horizontal milling with 59\"/>



**DOOSAN PUMA 480
- HORIZONTAL CNC LATHE**

Maximum turning diameter: 21.5\"/>



**SENFENG SF1500HC
- FIBER LASER**

Ideal for: Rust removal, paint removal,
grease removal, weld cleaning



**FRYER VT-80
- VERTICAL TURRET LATHE**

Max Cutting Length 32\"/>