



Machining Services

Conventional and Custom Machining

The Sawyer Value

- Expert technicians trained to execute a full range of high precision machining techniques
- Conventional machines, lathes and CNC machines
- Low volume and unique parts

Conventional & Custom Machining Processes:

Milling	Threading:	Reaming	Turn Centers
Drilling	External	Parting/Cutting	High Speed Hard Die Milling
Boring	Internal	Facing	Wire EDM
Turning:	Tapping	Honing	Sinker/Plunger/Ram EDM
Contour Turning	Thread Milling	Grinding	Deburring
Form Turning	Knurling	Drilling	Grit Blasting
Taper Turning	Counterboring	4 & 5 Axis CNC Milling	Laser Marking
Straight Turning	Profiling	8 Axis CNC Mill	Brazing

Equipment:

Vertical Boring Mills	Vertical Mills
Horizontal Boring Mills	Drill Press
Engine Lathe	CNC Machines

Typical Part Size:	.050" to 80" diameter
Maximum Part Weight:	Up to 30,000 lbs.
Part Diameter:	Up to 80"
Part Length:	120" Centers, Turning Capacity 80" Length, Boring and Milling
Part Width:	Up to 120"
Part Height:	Up to 300"

Materials:

Steel - All Carbon and Alloy	Bronze
Stainless Steel	Brass
Aluminum	Copper
Nickel Alloys	Silver
Cast Iron	Plastics

Lifting Capacity:	15 Tons
Tolerances:	Precision to Specification
Production Volume:	Short and Long Run, 1 to 1,000
CAD Software:	SolidWorks
Preferred Format:	.igs, .prt, .stp

Milling Length:	Up to 80"
Milling Width:	Up to 80"
Milling Height:	Up to 60"
Turning Diameter:	Up to 60"

Replace worn
or broken parts

Repair or
enhance existing
equipment

Improve
existing processes

For Additional Resources:



Contact Sawyer Mfg. Co
for additional information

<http://www.sawyeremfg.com>



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