

Component Factory

Capabilities

- CNC lathes and mills contribute to the reliability and accuracy in machining shafts, sleeves, impellers, suction covers, diffusers and other critical service components.
- Incorporation of both manual and CNC equipment.
- Thirty-eight (38) inch diameter capacity for cast products and two hundred (200) inch length capacity for shafts.
- Ten thousand CNC programs stored in our state-of-the-art DNC system.
- Skilled operators with an average of over twenty years experience.

Customer Benefits

- Precision parts to within 0.0005" tolerances.
- We can produce a wide variety of turned, milled or ground components.
- Production scheduling is enhanced due to the "in-house" machine tool capabilities.
- Capable of producing parts to military specifications and parts for high-energy applications.



Equipment Utilized

- Thirty-one (31) machine tools.
- Sixteen other supporting pieces of equipment.

Machining Computer Numerical-Controlled Equipment

		Smartcam 3-D Cam System
		Autocad CAD System
1	35" x 35"	Mori-Seiki SL6 CNC Lathe
1	24" x 122"	Mori-Seiki TL40 CNC Lathe
1	39" x 60"	Hitachi Seiki CNC Lathe
1	50" x 25" x 25"	Mori-Seiki 4-axis Machining Center
1	23" x 24"	Hwacheon CNC Lathe
1	22" x 60"	Mazak M-4 CNC Lathe
1	10" x 60"	Warner & Swasey ACC Grinder
1	23" x 40"	Hwacheon CNC Lathe
1	25" x 16" x 24"	Super Max CNC Mill
1	15" x 50"	Daewoo Puma 300L Lathe



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Machining Conventional Lathes

1	25" x 30"	Warner & Swasey Turret Lathe
1	36" x 132"	Timemaster Engine Lathe
3	24" x 60"	Mazak Engine Lathes
1	24" x 80"	Mazak Engine Lathe
1	24" x 160"	Mazak Engine Lathe
1	24" x 200"	Mazak Engine Lathe
2	21" x 80"	Mazak Engine Lathes
1	21" x 180"	Mazak Engine Lathe
2	21" x 80"	Mazak Engine Lathes
5	18" x 80"	Mazak Engine Lathes
2	18" x 36"	Mazak Engine Lathes
1	24" x 48"	Webster & Bennett VTL
2	18" x 80"	Mazak Engine Lathes

Conventional Equipment

1	3/4"	Luson Drill Press
1	5/8"	Chicago Drill Press
1	9" x 42"	Bridgeport-type Vertical Mill
1	28" x 92"	OKK Vertical Mill
1	15" x 62"	Cincinnati Vertical Mill
1	4' x 3'	American Hole Wizard Radial Drill Press
1	12"	Pratt & Whitney Vertical Shaper
1	24"	Rockford Keyslotter
1	20" x 50"	Brown & Sharpe Cylindrical Grinder
1	22" x 215"	Norton Cylindrical Grinder
1	22" x 72"	Landis Cylindrical Grinder
1	14" x 36"	Landis Cylindrical Grinder
1	16" x 110"	Shigiyu Seiki Cylindrical Grinder
1	Type 16-38	Bryant ID Grinder
1	5/8"	Sturm Keyseater
1	9" x 42"	Bridgeport-type Vertical Mill

Miscellaneous Equipment

1	Sunnen Horizontal Hone
2	Hines Balancers
1	Enerpac Hydraulic Press
1	L&H 5-Ton Press
2	Lincoln Ideal ARC Welders
1	Sturm Hydrotester

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