

We operate one of the largest machine shops in the southeast and fine-tune every part to eliminate the variances between CAD models and real-world execution.

Features of our state-of-the-art machine shop:

- 60+ experienced machinists
- Three dozen Mazak[®] CNC machines and over a dozen manual machines, wire and sinker EDMs, and more
- 3D 4th and 5th axis machining, including an INTEGREX i-300° machine
- Program off-line or direct through Mazatrol[®] software
- In-stock material including HRS, CRS, aluminum, tube, bar and plate
- ISO 9001 certified and fully compliant with NQA-1 quality program for the nuclear industry
- Qualified MIG and TIG welders
- Design and inspection capabilities
- Two-shift operation with full capabilities to ensure quick turnaround



EQUIPMENT LIST

Qty. Description

Mills

1	Mazak [®] FJV-100/160, Full 5-face Mill
	X 165.35", Y 96.46", Z 25.98"
1	Mazak VC 500A/5X Multi-axis Mill
	X 19.88", Y 19.88", Z 20.07"
1	Mazak VARIAXIS i-800T, 5-axis 30-tool changer:
	X 28.74", Y 33.46", Z 22.05" ,Turn 32.50" DIA
13	Mazak 510c Vertical Center CNC Mill, 30-tool changer:
	X 41.34", Y 20.08", Z 25.99"
1	Mazak Integrex 300-2Y CNC Mill 5-axis: X DIA 16.00",
	Z 42.00" with 25 HP mill spindle and 40-tool magazine
1	Mazak Integrex i-300, 30-tool changer
1	Mazak V 655/80X CNC Mill N, 30-tool changer:
	X 78.74", Y 25.59", Z 33.46"
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- Mazak MTV 515/40 CNC Mill N, 30-tool changer: 8 X 41.33", Y 20.0787", Z 25.98"
- Mazak AJV 60/80 VMC CNC Mill, 30-tool changer: 1 X 78.74", Y 39.37", Z 27.87"
- 1 Mazak MTV 655/60N CNC Mill, 30-tool changer: X 59.055", Y 25.59", Z 25.59"
- Mazak FJV 60/120 CNC Mill, 30-tool changer: 1 X 125.98", Y 55.18", Z 30.90"
- Mazak HCN 5000 Horizontal Mill 1

Manual Mills

- Lagun[®] Bridge Mill 10" x 50" 2
- JET[®] Mill 9" x 48" 3

Lathes

- Mazak Ouickturn 30N 1 X DIA 12.00", Z 36"
- Mazak Quickturn 18N CNC Lathe 1 X DIA 10.00", Z 22.63"
- Mazak Quickturn 250N CNC Lathe 1 X DIA 12.00", Z 22.63"

Manual Lathes

- Okuma[®] Lathe 18" DIA x 60 lg 1
- 1 Poreba® Lathe 40" DIA x 157 lg

Qty. Description

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Manual Lathes (cont.) Acra [®] Turn Lathe 18" DIA x 54 lg Lebond [®] Manual Lathe 28" DIA x 84" lg
<mark>Other</mark> Kaeser [®] CS 76 Compressor

- Kaeser CSD 75 T 2 Kaeser TD76 Dryer 1 Hansvedt[®] Sinker EDM 1 Telesis[®] Laser Etcher 1 Harig[®] Surface Grinder (manual) Blast-it-all[®] Bead Blast 1 Sheet Metal Shear 1 Lucifer Furnaces[®] Heat Treat 1 1 Morrison[®] Keyseater, up to 1 1/4 wide keyway Lincoln Electric[®] Arc Welders 12 Blast-it-all Sand Blaster 1
- 1 Clark[®] Hardness Tester
- Lightwriter[®] SPE Laser Etcher 1

Quality

- Starrett[®] Vanguard Plus Bridge CMM: X 48", Y 80", Z 40"
- 1 Mitutoyo[®] Crysta Apex CMM C9208: X 35.63", Y 78.94", Z 31.69"
- FARO[®] FaroArm Fusion Series 2

Lift Equipment

- Kalmar[®] AC P-3 AX PS 1 Komatsu[®] 35 FG30SHT-11 1 Komatsu[®] 25 FG 25C 11 1 Nissan[®] 904 CAT[®] DP70 Kalmar[®] GCD90-6L 1 3-ton Overhead Crane 1 500lb Jib Hoist 1 1000 lb Jib Hoist 1 1
 - 2000 lb Jib Hoist

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