

Our Equipment List

As of September 2021

| EDM | | | |
|------------------------------|--|------------------------|--------|
| Make | Model | Specs | Amount |
| Fanuc Alpha Robocut Wire EDM | #1iA-S/A WF-12 with Esprit/W Platinum software package | 20" x 14" x 12" travel | 1 |
| EDM DrillMate | 35Z2, .0100 thru .2500 diameter | 10.4" x 13.7" travel | 1 |
| Eltee Pulsitron EDM Machines | TRM20/EP-30, with .0001 position readout & VMC | | 2 |

| CNC Machining | | | |
|---|---|----------------------------|--------|
| Make | Model | Specs | Amount |
| Mori-Seiki CNC Vertical Milling Machine | MV40 | | 1 |
| Sharp QMV-2 Mills | 4HP (vari-speed head) with 2-axis CNC control | 38" x 16.5" x 15.3" travel | 2 |
| Trak TRL CNC Lathe | 1745 | 16" | 1 |
| Trak DPM3 3-Axis CNC Milling Machine | | | 1 |

| Grinding | | | |
|--|-------|-------|--------|
| Make | Model | Specs | Amount |
| Brown & Sharpe Micromaster Surface Grinders with Readouts | 612 | | 6 |
| Boyer-Schultz Surface Grinders | 612 | | 2 |
| Harig Surface Grinder | 612 | | 1 |
| Mitsui 612 Surface Grinders with Readout | 612 | | 2 |
| Okamoto, 2-axis, Automatic Grinder, Readout to 10 Millionths | 6-18 | | 1 |
| Harig Autostep Grinder with Digital Readout | 6-18 | | 1 |
| Sharpe Surface Grinder with Digital Readout | 6-14 | | 1 |
| Moore Jig Grinder | #3 | | 1 |

| | | | |
|-------------------------------------|--|-------|---|
| Ded-Tru Centerless Grinding Fixture | | | 1 |
| Okamoto 2-Axis Automatic Grinder | | 12x24 | 1 |

Milling

| Make | Model | Specs | Amount |
|---|-------|-------|--------|
| Sharp Mills, 3 HP with Digital Readouts | | | 2 |
| Ex-Cell-O Mill, 2 HP with Accessories & Digital Readout | | | 1 |
| Webb Vertical Mill, 3 HP with Digital Readout | | | 1 |
| FEXAC Horizontal Mill | #1 | | 1 |

Design

| Make | Model | Specs | Amount |
|--|-------|-------|--------|
| AutoCAD 2015 | | | 1 |
| VX-End-to-End CAD/CAM, 3D Design & Manufacturing | R14 | | 1 |
| MillWrite CAM Software | 8.0 | | 1 |
| Hewlett-Packard Color Plotter | T520 | 24" | 1 |

Inspection Equipment

| Make | Model | Specs | Amount |
|--|-------|-------|--------|
| OGP Optical Comparator, Lenses 20x, 31.25X, 50X, 62.5X, 100X | | 20" | 1 |
| Jones & Lamson Comparator, Lenses 31.25X, 62.5X, 100X | | 14" | 1 |
| Set Ultra Precision Ceramic Gage Blocks | | | 1 |
| Sets Gage Blocks, Thin, 38 pcs | | | 2 |
| Sets Gage Blocks, 81pcs, Carbide | | | 3 |
| Sets Gage Blocks 81pcs | | | 18 |
| Mits Inspection Microscope | | | 1 |
| Mitutoyo Height Gage | | 12" | 1 |
| Starrett Height Gage | | 12" | 1 |
| Granite Surface Plate | | 30x48 | 1 |
| Granite Surface Plates | | 18x18 | 25 |
| Granite Surface Plates | | 18x24 | 3 |

| | | | |
|------------------------|--|-------|---|
| Granite Surface Plates | | 12x18 | 5 |
|------------------------|--|-------|---|

| Welding | | | |
|----------------------------------|-------|-------|--------|
| Make | Model | Specs | Amount |
| Oxy-Acetylene Brazing Outfit | | | 1 |
| Lincoln Pro-Cut 60 Plasma Cutter | | | 1 |
| Lincoln Square Wave Tig Welder | | | 1 |
| Miller Mig Welder | | | 1 |

| Miscellaneous | | | |
|---|-------|---------|--------|
| Make | Model | Specs | Amount |
| Sunnen Hone | | | 1 |
| Magna-Sines | | | 2 |
| Newbould Rotary Indexer | | | 2 |
| Harig Grind-All Rotary Fixture | | | 1 |
| Universal Generating Fixtures | | | 2 |
| Boyer-Schultz High Speed Head | | | 1 |
| Precise High-Speed Head | | | 1 |
| Magnetic Squaring Blocks | | | 2 |
| Radius Dressers | | | 3 |
| Clausing Drill Press | | 15" | 1 |
| Delta Drill Press | | 15" | 1 |
| Atlas Drill Press | | 12" | 1 |
| Roll-in Band Saws | | | 2 |
| Baxter Semi-Auto Double Column Heavy-Duty Bandsaw | | 13"x19" | 1 |
| Belt Sanders | | | 2 |
| Drill Sharpener | | | 1 |
| Drake Press – 50 Ton | | | 1 |
| Trinco Sandblaster | | | 1 |
| Demagnetizer | | | 1 |
| Letrotech Marking Unit | | | 1 |