

ENSINGER

Putnam Precision Molding



ASK. THINK. SUCCEED.

MACHINE TOOLS

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|---|---|
| 3 Bridgeport vertical milling machines; 1 equipped with pro-trak A.G.E.2 control system | 1 Monarch 12" lathe: 4 & 6 jaw chuck, royal quick change collet to 1-1/16 |
| 1 Clausing 15" lathe: 3 jaw chuck, 4 jaw chuck & collets to 1-1/2" | 1 South Bend 14" lathe: 4 & 6 jaw chuck, drawbar collet to 1-1/6 |
| 1 DME Cutter Grinder | 1 Precise Jig Grinder |
| 1 Dumor tool post grinder | 2 Reid surface grinder |
| 1 Elox EDM System | 1 Powermatic drill press |
| 1 Gorton cutter grinder: 1/32 to 5/8 collets by 1/16 | 1 Sunnen honing machine |
| 1 Tascsonics Ultrasonic Mold Cleaner | 1 Jones & Shipman surface grinder |

AUXILIARY EQUIPMENT

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| 1 Baldor pedestal grinder | 1 Lassey tapping machine |
| 1 Drake hydraulic press: 40 ton | 1 Rockwell pedestal grinder |
| 2 Greenerd arbor pressess | 1 Surface grinder spin fixture |
| 1 Indexing head | 2 Surface grinder radius dresser |
| 1 Kalamazoo Bandsaw | 1 Gesswein Ultramax SF ultrasonic polisher |
| 1 Grob Vertical Bandsaw | |

QUALITY ASSURANCE EQUIPMENT

- 1 Brown & Sharpe Validator with Val measure QC3300 software
- 1 Faxitron X-ray machine
- 1 Genesis portable QA-2500 Statistical Process Control data collection system with Anstat software package
- 1 Jones & Lamson 30" Optical Comparator with up to 50X magnification
- 1 Mark 2 moisture analyzer
- 1 Wilson "Rockwell" hardness tester
- 2 Tinius Olsen Tensile/Compression Tester

AUXILIARY EQUIPMENT

- 10 Federal drop indicators
 - 5 Gagemakers gage pin sets .0111 to .502, 1 set up to .750
 - 9 Granite surface plate
 - 1 Mitutoyo cera gage block set .0625 to 4.000
 - 2 Starrett Digi-Check height indicator
- Gauge Calibration approved to MIL 45662A

SECONDARY / FINISHING EQUIPMENT

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| 1 Acromark hot stamping machine | 1 Heat Stake |
| 4 Branson Ultrasonic welding machines | 1 Kramer Industries parts tumbler/deflasher |
| 3 Bridgeport vertical milling machines | 1 Powermatic hot stamping machine |
| 4 Delta Rockwell drill presses | 1 Printronix label w/Easylabel® software |
| 4 Hardinage lathes (1 with Bradmatic control system) | 1 Jet tapping machine |
| 1 Hartford Vertical Milling Machine | 2 Speedycat tapping machines |
| 1 Ex-cell-o Vertical Milling Machine | 1 Gorton vertical milling machine |