



Equipment List

Single Spindle Automatics

- 1 #3 Brown & Sharpe, 2 3/8" capacity
- 4 #2 Brown & Sharpe, 1 5/8" capacity
- 1 #2 Brown & Sharpe, 3/4" capacity
- 5 #00 Brown & Sharpe, 3/4" capacity
- 5 #00 Brown & Sharpe, 1/2" capacity
- 5 Traub – 1" capacity, form cutoff
- 1 Traub – 1 23/64" capacity, form cutoff
- 6 1/2" Lipe Automatic Loaders

CNC Equipment Primary

- 3 Citizen L20 CNC Swiss Machines with Cav 12' loaders (2006,2011&2013) 3/4" diameter capacity
- 1 Citizen A20 CNC Swiss Machine with Edge 12' loader (2007)
- 1 Citizen L12 CNC Swiss Machine with Edge C312 loader (2014)
- 2 Miyano BNA-42dhy Multi-axis twin Spindle twin turret with 12' Edge Loaders (2011) 1-5/8" dia. capacity
- 1 Mori Seiki SL- 15 CNC Turning Center
- 1 Yama-Seiki GA-200 Lathe

Secondary Equipment

- 6 Hardinge Hand Screw Machines – 1"
- 1 Hartford Thread Roller #5-40 to 3/8" knurling to 1/2" diameter
- 1 Tesker 215 Thread Roller capacity to 1"-8 & knurling
- 1 36" TY Miles Broach w/ Indexer Head
- 1 36" TY Miles Broach
- 4 Snow Automatic Drill/Tap

Multi Spindle Automatics

- 2 1 1/4" Acme, 6 Spindle
- 2 9/16" Acme with pickoff & backfinish
- 1 2-5/8" Acme, 8 spindle

CNC Turning Centers Secondary

- 1 Amera-Seiki GT-32 Lathe (1" thru spindle, 6" chuck)
- 3 Omniturn CNC Lathes – 1"
- 1 SNK Prodigy GT-27 CNC Lathe (2007)

Additional Support Equipment

- 2 Toolroom surface grinders
- 1 Bridgeport Vertical Mill with Digital readout
- 1 Ingersoll Engine lathe with Digital readout (2011)

Grinding Equipment

- 3 Cinco15 Cincinnati Milacron Centerless (1 Remanufactured in 2013)

Quality Assurance

- APQP (Advanced Product Quality Planning)
- GAGetrak version 6.7 gage control software
- Zeiss Rondcom high precision roundness measurement machine w/printable analysis reports (2011)
- Mitutoyo QM-Height 350 high precision height gage (2011)
- Mitutoyo PH3500 Optical Comparator with QM Data 200 computer (2011)
- Mitutoyo Surftest SJ210 with stand (2012)
- Mitutoyo Surftest SJ410 with fixture & stand surface measurement machine (2013)
- Johnson Gage Centrax runout/concentricity inspection gage (2014)
- Hardness Testers
- Plating Thickness Tester
- Digital Micrometers & Calipers
- High Precision Dial Indicators with stands