

PROCESS GEAR EQUIPMENT LIST

Gear Hobbing

- 1 Gleason Phoenix II 600HC
- 1 Koepfer 173 Gear Hobber with Automated Loading
- 1 Mitsubishi Model GB40 CNC (16" dia. x 16" face x 4 D.P.)
- 1 Mitsubishi Model GA15 NCN (6" dia. x 10" face x 6 D.P.)
- 1 Liebherr Model L650 (24" dia. x 14" face x 3 D.P.)
- 1 Liebherr Model 402L (16" dia. x 10" face x 4 D.P.)
- 3 Barber-Colman Multicycle Model 16-16 (16" dia. x 16" face x 6 D.P.)
- 1 Barber-Colman Model T Type Taper Spline Hobber (16" dia. x 36" face x 6 D.P.)
- 1 Barber-Colman Multicycle Model 14-15 (14" dia. x 15" face x 4 D.P.)
- 2 Barber-Colman Multicycle Model 6-10 (6" dia. x 10" face x 12 D.P.)
- 8 Barber-Colman Model 6-10 (6" dia. x 10" face x 12 D.P.)

Gear Shaping

- 1 Liebherr Model WS401 (20" dia. x 5" face x 3 D.P.)
- 2 Lorenz Model SN4 (10" dia. x 2" face x 6 D.P.)
- 1 Fellows Model 4AGS (6" dia. x 4" face x 8 D.P.) with Helical Guides
- 1 Fellows Model #3 Fine Pitch Shaper

Gear Finishing

- 1 Hofler Helix 400MK External CNC Gear Grinder (.4" – 16" O.D.) (1.69 – 50 DP)
- 1 Reishauer Model RZ300E External Gear Grinder (12" dia. x 6" face x 5 D.P.)
- 1 Reishauer Model AZA300 External Gear Grinder (12" dia. x 6" face x 4 D.P.)
- 1 Red Ring Model GHB-8 Gear Hone (8" dia. x 4 D.P.)
- 2 Red Ring Model GCU-8 Gear Shavers (8" dia. x 4 D.P.)
- 2 Fellows Fine Pitch Gear Shavers

Gear Tooth Chamfering

- 1 Hurth Model ZK5 Gear Tooth-Chamfering Machine
- 1 Cross Model 55 Gear Tooth-Rounding Machine

Gear Inspection

- 1 M&M Precision Systems Model 3000, QC Gear Analyzer
- 1 Unite-A-Matic Model 8600 Digital Gear Inspection Instrument
- 1 ITW Model 3912-4C Helical Lead Measuring Instrument
- 1 OGP Smartscope Flash 500 Vision System

Grinding

- 1 Mitsubishi Model RC32 CNC OD Grinder (6" dia. x 36" between centers)
- 1 Mitsubishi Model RD23 CNC OD Grinder (4" dia. x 12" between centers)
- 1 Cincinnati Model 10 x 24
- 1 Brown & Sharp Model #5
- 1 Jones & Lamson Model 636 Thread Grinder (6" dia. x 36" between centers)
- 1 Excello Model 33 Thread Grinder

Turning

- 1 Daewoo Puma 240C CNC
- 2 Doosan Puma 400
- 1 Miyano LZ-01 with Auto Loader
- 1 Hardinge Model Conquest T42 CNC wit Bar Feeder (8" swing x 10" between centers, 2" O.D.)
- 2 Mazak Model QT15N CNC (8" swing x 15" between centers)
- 1 Mazak Model QT35 (12" swing x 35" between centers)
- 1 Femco Model WNCL-220 (10" swing x 20" between centers)
- 6 Hardinge TFB-H Speed Lathes

Milling

- 2 Haas VF2 VMC's
- 2 Bridgeport Vertical Mills
- 2 Cincinnati Production Mills

Miscellaneous

- 1 Sunnen MBB-1650 Hone
- 1 Excello 74-A Center Lapper
- 1 Uni-Hone 3648C Media Cabinet
- 1 Anderson HP-167 Location Press
- 1 Do-All C-305 Band Saw
- 1 Beaver Vertical Mill
- 1 Boyar Shultz Surface Grinder
- 1 Delta Rockwell Surface Grinder
- Drill Presses (Tapping)