



SOUTHERN GEAR

A Veteran-Owned Company
Established in 1957

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AS 9100 D; ISO 9001: 2015
ITAR

MACHINERY & EQUIPMENT LIST

GEAR CUTTING

- 1 Mitsubishi ST40 CNC Gear Shaper
- 1 Mitsubishi SE25A CNC Gear Shaper
- 1 Mitsubishi SD 25 CNC Gear Shaper
- 3 Fellows CNC 10-4 Gear Shapers
- 2 Fellows CNC 10-4 with Face Gear Attachment
- 2 Fellows FG 32 Face Gear Shapers
- 2 Fellows #3 FANUC CNC Gear Shapers
- 1 Fellows 'Z' Horizontal Gear Shaper
- 1 Fellows #36 Gear Shaper
- 1 Mitsubishi GE 15A CNC Gear Hobber
- 1 Mitsubishi GD 20 CNC Gear Hobber
- 2 54" Capacity TOS Vertical Gear Hobbers
- 1 72" Capacity TOS Vertical Gear Hobber
- 3 16-16 Barber Colman Multicycle Hobbers
- 1 16-36 Barber Colman Long Bed Hobber
- 1 Koepfer 160 CNC Gear Hobber
- 4 6-10 Barber Colman Hobbers
- 3 Mikron #79 Hobbers
- 4 Gauthier Gear Hobbers
- 2 Gleason 104 Coniflex Bevel Generators
- 2 Gleason 2A Coniflex Bevel Generators
- 3 Gleason #14 Coniflex Bevel Generators
- 2 Fellows 4" Gear Shavers
- 1 Fellows 12" Gear Shaver
- 1 Redin Deburring Machine
- 1 OF71 TOS Gear Hobber

GEAR GRINDING

- 1 Mitsubishi ZE40A Profile and Threaded Wheel Grinder
- 1 Gleason Tag 400 Gear Grinder
- 1 Reishauer NZA Gear Grinders

GUN DRILLING

- 1 Dehoff Gun Drill 1" X 36"

CNC MILLING

- 1 Kitamura Mycenter 2XIFSP with Pallet Changer
- 1 Kitamura Mycenter 3XIF CNC Mill
- 1 Kitamura Mycenter 4XD CNC Mill
- 1 Leadwell V60i CNC Mill
- 1 Leadwell V50i CNC Mill
- 1 Leadwell V40 CNC Mill
- 1 Leadwell MCV-O CNC Mill
- 1 Leadwell V40iT 5 Axis CNC Mill
- 1 Mazak Variaxis 5 Axis CNC Mill
- 1 Brother CNC Tapping Machine

CNC TURNING

- 1 Bullard CNC Lathe 36" Capacity with FANUC Control
- 1 Mazak QT 250 CNC Lathe
- 2 Samsung CNC Lathe SL 30 12" Chuck
- 2 Samsung CNC Lathe SL-25 ASY with Y-Axis and Sub Spindle
- 2 Doosan Lynx 8" Chucks
- 1 Doosan 12" Chuck
- 1 Miyano BNC 34 CS CNC Lathe with Bar Feed
- 1 Daewoo Lynx 220/ Live tooling
- 1 Mazak Nexus 2 CNC Lathe
- 2 Doosan LYNX 220 LSYC
- 1 Mazak QTU-250 MY

MANUAL TURNING

- 1 Summit Engine Lathe 34" X 120"
- 3 Hardinge Tool Room Lathes
- 1 Hardinge Speed Lathe
- 1 Meuser Engine Lathe
- 3 Heald Boromatics
- 1 Bullard 54" VTL
- 1 Harrison M40 Engine Lathe
- 1 LION Model 20 20" X 40" Lathe

MANUAL MILLING

- 6 Bridgeports with Readouts & Power Feed
- 2 Radial Arm Drills
- 1 Arboga Floor Drill

GRINDING & HONING

- 1 SUPERTEC CNC ID, OD & Face Grinder
- 1 Okomoto OGM 8-20 CNC Grinder
- 1 Toyoda GE4 CNC O.D. Grinder
- 1 Toyoda GL3S CNC O.D. Grinder
- 2 Sharp 12" X 24" CNC Grinder

- 1 Kikinda 14" X 49" Cylindrical Grinder
- 1 Tschudin HT G310 Grinder
- 1 Myford O.D. Grinders 6" X 18"
- 2 Heald Internal Grinders
- 1 Ko Lee Cutter Grinder
- 1 Chevalier Surface Grinder
- 1 Sunnen Hone
- 1 Sunnen ML-5000 Hone
- 1 Spit Fire Lap
- 1 Blanchard Grinder 36" Capacity Misc. Hob, Tool & Cutter Grinders
- 1 Utma LC 35 NC 4 Hob Sharpener
- 1 Bryant Technica Center Hole Grinder
- 1 SUPERTEC Auto Surface Grinder

THREAD MILLING, THREAD GRINDING, BROACHING & SAWING

- 1 Pratt & Whitney 6" X 60" Thread Miller
- 1 J&L 4" X 12" Thread Grinder
- 1 J&L 12" X 45" Thread Grinder
- 1 Lapoint Hydraulic Broach
- 2 DoAll 16" Auto Horizontal Band Saws
- 1 Roll-in Band Saw
- 1 ACME Vertical Broach

INSPECTION

- 1 Peco ND 300 CNC Gear Inspection Computer Gage Control
- 4 Brown & Sharp CNC CMM's
- Sheffield CNC CMM
- Complete Inspection Facilities
- Mikes to 36 inches
- Certified Gage Blocks & Tools
- Red Line Chart Capabilities
- Certified Master Gears
- Spline and Thread Gages
- Granite Surface Plates
- Involute Chart Recorder
- 30 Gear Testers
- Brown & Sharpe Microhite With Printer Inspection System to AS 9100 & Mil-145208A
- 2 Deltronic Optical Comparators
- Gage Talker SPC Systems
- 3 #2 Gleason Bevel Checkers
- 3 #6 Gleason Bevel Checkers
- 24 H Fellows Lead Checker
- 24 M Fellows Involute Checker
- J&L 30" Comparator
- 2 Wilson Hardness Checkers
- 1 Vari-Roll Automatic Gear Analyzing System
- 1 Vari-Roll Composite Gear Tester

EDM

- 1 EDM Fanuc Robocut Model C400iA