DESIGN SOFTWARE
1... SolidWorks
1... AutoCAD
1... Mastercam

E.D.M.
1... AgieCharmilles FI 240CC, Wire E.D.M. X-14", Y-9", Z-8.75"
1... Charmilles ROBOFIL 240SL, Wire E.D.M. X-14", Y-9", Z-8.75"

SAWS
1... Powermatic, Vert. Band Saw 18"x12" Height
1... Marvel No. 8, Vert. Band Saw 24"x18" Height
1... StartRite 30 RWF, Vert. Band Saw 30"x14" Height

VERTICAL MILLS
1... Trak TRM, 2-Axis CNC Mill X-28", Y-15", Z-5"
1... Bridgeport - Proto Trak MX2, 2-Axis CNC Mill X-32", Y-14", Z-5"
1... Bridgeport Series 1 Mill with Broaching Attachment X-32", Y-14", Z-5"
1... Bridgeport
1... LeBlond-Makino FNC 74, CNC MILL X-34", Y-17", Z-20"

CNC HORIZONTAL BORING MILL
1... Cincinnati - Milacron Cintmatic 40 X-40, Y-40, Z-8

SWISS LATHES
1... Star SR32J, 1 1/4" diameter X 14" length capacity

MANUAL LATHES
1... LeBlond-Makino, 15" Swing X 48" between centers

CNC LATHES
1... Okuma Cadet, 10" Swing, 24" between centers
1... Trak TRL 1475P, CNC Lathe 17" Swing, 48" between centers
1... Okuma Crown L1420, 14" Swing, 59" between centers

DRILL PRESS
1... Clausing Single Spindle, Work Table 24" X 40", 3 H.P.

SURFACE GRINDERS
1... Sharp SG 618, X-18", Y-16", Z-12"
4... Reid Rollerway, X-18", Y-6", Z-18"
1... Okamoto 618, X-18", Y-6", Z-18"
1... Okamoto 16-32, X-32", Y-16", Z-24
1... Okamoto 618 Wet Grinder, X-18", Y-6", Z-18'

O.D. GRINDER

2... Brown & Sharpe No. 13, 9" Dia. X 24" between centers
1... Myford, 5" Dia. x 12" between centers with Internal attachment

I.D. GRINDER

1... Hearld Model 274, 21" Swing, 18" Stroke

JIG GRINDERS

1... Moore No.3, X-18", Y-12", Z-3.5" with 13" clearance to table
2... Moore No.G-18, X-18", Y-12", Z-3.5" with 13" clearance to table

JIG BORES

1... SIP, Type HY-7 No. 42, X-57", Y-40", Z32"

HEAT TREAT FURNACES

2... Thermolyne Heat Treat Furnace 2400°F, 8" x 8" x 18"
1... K.H. Huppert Draw Furnace 2000°F

INSPECTION

1... Zeiss Micura with Vast Gold Scanning Head, 19" x 19" x 19" travel
1... Zeiss Spectrum 700 with RDS/Articulating Arm, 27" X 40" x 23" travel
1... OGP Smartscope 500 with Probe, Laser and Vision Sensor System
1... Mahr Federal Opal 300 ULM Measuring System, 12" capacity with 44 lbs. max. part weight
1...Mitutoyo CV-4500 Contracer
2... Brown and Sharpe Micro-Hite 350
1...Precitech Roundness Checker, 10" Dia.
2... Sunnen Dial Bore Gages, 1.032"-6.040" Dia.
1... Granite Surface Plate, 48" x 96"
1... Granite Surface Plate, 36" x 48"
3 Sets... Gage Blocks A+ Grade
1 Set... Gage Blocks AA Grade
1 Set... Ceramic Gage Blocks AA Grade
2 Sets... Carbide Tipped Micrometers, 0 -12"
1 Set... (-) Gage Pins, .011" - 1.000" Dia.
1 Set... (+) Gage Pins, .060" - .500" Dia.
2 Sets... Depth Micrometers, 0 - 12"
2... Profilometers, Surface Test Gage
1 Set... Thread Gages, Internal & External, Fine & Course, #10 - 1"
1... Rockwell Tester
2 Sets... Sunnen Dial Bore Gages .495" - 2.00" Dia.
1... Mitutoyo Centers, 40" x 19" Dia. Centers
2... Sheffield Height Comparator
1... Shore-A durometer tester
1... Shore-D durometer tester
1... Federal Electronic Gage Head, 5μin graduation
1... Ex-Cell-O 827 Optical Comparator with digital readout, 30" Dia. screen, 10x, 20x and 50x magnification

Note: All Micrometers and Height Gages are SPC operational

MATERIAL HANDLING

1... Robbins & Meyers 10 Ton Hoist, 18' under hook
1... Hyster Electric Fork Truck, 6000 lb.
1... Clark Electric Fork Truck, 2500 lb.