

EQUIPMENT LIST

Office Management

All Cloud Based Systems
Cisco Managed Gigabit Network
PowerShop ERP Accounting System

Engineering Department

KBC CAD system (fully compatible
with DWG, DXF, and IGS formats)

DP Technology Programming System

Production Equipment

46-Model B Davenport Automatic Screw Machines
1- 1.25 model RA Acme Gridley 6 Spindle Screw Machines
5- 1.00 model RA Acme Gridley 6 Spindle Screw Machines
1- 1.25 model RA Acme Gridley 8 Spindle Screw Machines
1-Star SR-32 Swiss Type CNC Turning Machine
1-Star SR-20 Swiss Type CNC Turning Machine
1-Star SB16 Swiss Type CNC Turning Machine
1-Star ECAS 20 Swiss Type CNC Turning Machine
6-Miyano GN-3W CNC Turning Machines
2-Miyano LG-3W CNC Turning Machines
1-Hydromat HS25-16 Indexing Chuck Machine
3-Gildemeister GM16-6 Six Spindle Automatic Lathe
1-Gildemeister GM20-6 Six Spindle Automatic Lathe
1-Schutte 20mm 8 Spindle Automatic Screw Machine
32- Automatic Bar Loaders

Secondary Operations Equipment

2-Model B Davenport Chuckers
1-Hand Mill
2-Pedestal Type Drill Presses
1-Benex Straightener
3-Automatic Ball-Check Assembly & Test Machines
1-Multi-hole Cross Drilling Machine
1-Packaging and Inspection Machine
2-Automatic Vision Inspection Machines
1-Automation Innovation Thread Inspection Machine

Tool Room Equipment

1-Mitsubishi SX10 Wire EDM
1-Parker-Majestic No 2 Surface Grinder
1-Brown & Sharp No 814U Universal Grinder
2-Hybco Form Relief Grinders
1-Brown & Sharp No 618 Micromaster Surface Grinder
2-J & L 14" Pedestal Comparators
1-Hardinge Model HC Precision Turret Lathe
1-Clausing-Colchester 15" Swing Lathe
1-Toolcrafter CNC Vertical Mill
1-Acer CNC Vertical Mill

Quality Control Equipment

2 Keyence IM6125 CMM
1 Keyence VR3200 3D Measurement Macroscopic
5-SPC Data Collection Stations
Computerized Gage and Vendor Control System
5-J&L 14" Pedestal Comparators
1- OGP Smart Scope 200
2-Bowers Electronic Bore Gage with Fowler Digital Readout
1-Taylor Hobson Talysurf I Series 2 Surface Checker
1-Profilometers
1-Superficial Hardness Tester
1-Rockwell Hardness Tester
1-Nikon Measuring Microscope
1-Permascope Coating Thickness Gage
1-Dual Station Production Inspection Machine
1-Formscan Thread Testing Machine
1-Regg Laser Inspection Machine
1-Mititoyo Round Test RA120P

Shipping Department

PowerShop ERP Manufacturing System W/Integrated EDI
4-SATO Laser Bar-code Printers With Wireless Scanners
4-Zebra Barcode Printers
1-Durr 71C Dual Chamber Hydrocarbon Part Washing System

Tolerance for Acme Gridley - 6 Spindle

Tolerance O.D. ± 0.003
Tolerance I.D. ± 0.001
Maximum Bar Size 1.250 RD inches
Maximum length of part 4 inches

Tolerance for Davenport Auto - 5 Spindle

Tolerance O.D. Dim. ± 0.002 inches
Tolerance I.D. Dim. ± 0.0004 inches
Maximum Bar Stock Size 0.875 RD inches
Maximum Length of part 2.500 inches

Tolerance for Gildemeister Auto - 6 Spindle

Tolerance on O.D. Dim. ± 0.001 inches
Tolerance on I.D. Dim. ± 0.0003 inches
Maximum Bar Stock Size 0.787 RD inches
Maximum Length of Part 4.000 inches

Schutte Single Spindle CNC

Tolerance on O.D. Dim. ± 0.001 inches
Tolerance on I.D. Dim. ± 0.0003 inches
Maximum Bar Stock Size 0.787 RD inches
Maximum Length of Part 4.000 inches

Tolerance for Star Single Spindle CNC

Tolerance on O.D. Dim. ± 0.0005 inches
Tolerance on I.D. Dim. ± 0.0003 inches
Maximum Bar Stock Size 1.250 RD inches
Maximum Length of Part 7.000 inches

The tolerances listed for the machines assume the use of FREE MACHINING of Aluminum, Brass and Steel