



2009 EQUIPMENT LIST

CNC MILLING EQUIPMENT

Okuma MA 500HB Horizontal Machining Center (3)
Okuma MA 400HA Horizontal Machining Center (2)
Makino 4-Axis A71 Horizontal Machining Center
Mori Seiki 5-Axis NH5000/40 Horizontal Machining Center
Mori Seiki 5-Axis SH400 Horizontal Machining Center
Mori Seiki 4-Axis FM-1 Vertical Machining Center (2)
Mori Seiki MV-Junior Vertical Machining Center (2)
Mori Seiki MV-Frontier Vertical Machining Center
Mori Seiki MV-40 Vertical Machining Center
Mori Seiki DuraVertical 5100 Machining Center (3)
Makino KE5S Machining Center

CNC TURNING EQUIPMENT

Mori Seiki NL2500 Turning Center (2)
Mori Seiki ZT2500 Twin Spindle Turning Center
Mori Seiki ZT2500Y Twin Spindle Turning Center
Mori Seiki Duraturn 2550 Turning Center (2)
Mori Seiki SL25 Turning Center
Mori Seiki CL25 Turning Center
Mori Seiki SL250 Turning Center
Mori Seiki CL203 Turning Center
Mori Seiki DL151Y Turning/Milling Center (2)
Miyano BNC-20 with LNS Super Hydrobar Feeder
Miyano BNC-34A2 with LNS Super Hydrobar Feeder (2)

MILLING EQUIPMENT

Johnford Bridgeport-type Mill
Bridgeport Series I with Trak A.G.E. (2)
Tiger Horizontal Mill
Hitachi Seiki Horizontal Mill
Cincinnati Horizon Mill
Bridgeport Series 1 (5)

TURNING EQUIPMENT

Emco Maier 15D Lathe
Hardinge Lathe (2)
Goodway GW1440 Engine Lathe
Mori Seiki ML-850 16 x 30 Engine Lathe
Mori Seiki Mh-1500G 24 x 60 Engine Lathe
Standard Modern 13 x 40 Engine Lathe

GRINDING EQUIPMENT

Studer S30 Lean Pro CNC 14" x 40" Length – Universal ID/OD
Mitsubishi RC 32 CNC 12' x 20" Length
Cincinnati 10" Diameter x 72" Length
Norton 6" Diameter x 30" Length
Norton 6" Diameter x 18" Length
Norton 6" Diameter x 18" Length Automatic
Norton 14" Diameter x 48" Length Automatic
Heald 271-Sizeomatic – Chuck to 6"
Heald 72A – Chuck to 10"
Heald 72A – Chuck to 16"
Mattison Blanchard type – 36" Magnetic Chuck
Cincinnati #2 with Automatic Infeed – 7" Diameter Capacity
Excello 4" x 42"

AUXILLIARY EQUIPMENT

Kelch Tool Presetter
Parlec Tool Presetter
Drill Presses
Sunnen Honing Machine (3)
6 x 12 Kent Surface Grinder (2)
12 x 24 Kent Surface Grinder
Amada HA-250W Production Saw
Marvel Series 8 Mark II Universal Band Saw
Twister Speed Lathe
Accu-Finish Tool Grinder
Black Diamond Drill Grinders
Hydraulic Arbor Presses (5)
Tennsmith 4' Shear
Tennsmith 4' Brake
Econoline Sand & Glass Bead Blaster
Almicro Vibro Burr
Sweco Vibro Burr
Impco 1140 SCM Centerless Polisher
Trumpf Trumark Station 5000 Laser Marker

QUALITY CONTROL EQUIPMENT

ISO 9001:2000 & AS9100B:2004
SPC/Cpk Monitoring
Mitutoyo B-504 Coordinate Measuring Machine
Mitutoyo BRT-M707 Coordinate Measuring Machine
Mahr Federal MMQ100 Plus Form Measuring System
Mahr Federal S2 Roughness Measuring System
Brown & Sharpe 9.15.8 DCC Coordinate Measuring Machine
Mitutoyo Profile Comparators
Nikon Profile Projector
Rockwell Tester, Standard and Superficial
Brinell Testers
Profilometers
Lennox Fiber Optic Borescope
Federal Maxum Electronic Bore Gage
Marposs E4N Electronic Bore Gage
Mantis System 510 Microscope
Helios Supermic
Sunnen Bore Gages
Kestrel Dynascope

PRODUCTION / ENGINEERING AIDS

Autocad Mechanical 2009
Surfcam 3 Dimensional Programming Software
Metacut Utilities
Epicor Vista Production Manufacturing Software
Bowen & Graves M1 Business Management Software
Wireless PC-DNC w/drip feed capabilities to all machines