MACHINE EQUIPMENT LIST

HORIZONTAL BORING MILL
G&L 48" X 72" Table 5" Spindle CNC Boring Mill 48" X 60" Travel
G&L 48" X 84" Table 5" Spindle Boring Mill 60" X 72" Travel
DEVLIEG 35" X 48" Table Jig Mill 36" X 48" Travel

MILLING MACHINES
(1) MAZAK VTC-20B CNC Machining Center 20" x 40" x 20" travel with HAAS CNC rotary table
(1) MAZAK VQC-30/50B CNC Machining Center 59" x 30" x 20" travel with HAAS CNC rotary table and pallet changer w/2 pallets
(1) Cincinnati Milacron Arrow 500 CNC machining center 20" x 20" x 20"
(11) Milling Machines (several with CNC capability)
(1) SHARNOA SDC10 Vertical Machining Center 18" x 14" x 14" travels
(1) Proto-Trak Vertical CNC Mill DPM 5 x 5 40" x 20" x 23" travels
(1) Proto-Trak Vertical Knee Mill Knee Manual/CNC K35MX 32" x 16" x 16" travels
(3) Haas CNC Rotary Tables (1) – 12.2", (1) – 8.27", (1) – 5C Collet
(1) Albene Model VHF-3-M Hor./Vert. Milling Machine

LATHES
MAZAK Quick Turn 18N CNC Lathe 11" swing 20" between centers
MAZAK Quick Turn 30HP CNC Lathe 20" swing 37" between centers
(1) PRO-TRAK TRL 1840SX 18" swing 40" between centers Manual/CNC
(1) PRO-TRAK TRL 1745P 17" swing 45" between centers Manual/CNC
(1) PRO-TRAK TRL Trak20p portable vmc
MAZAK Engine Lathe 14" swing 36" between centers
MORISEIKI Engine Lathe 24" swing 36" between centers
MIGHTY 18" x 60" Engine Lathe
(1) THEMAC J-7 Tool Post Grinder

EDM
MITSUBISHI M25J CNC Sinker EDM 8" x 10" x 10"w/ Manual C Axis
MITSUBISHI FX20K Wire EDM 12 x 20 x 11.6 4-axis
(1) MITSUBISHI FA20 Wire EDM 12 x 20 x 11.6 4-axis

GRINDERS
(1) OKAMOTO 16-32 DXV Hydraulic AutoO Surface Grinder w/ Auto Downfeed & Wheelwear Compensation
(1) OKAMOTO 16-32 DX Hydraulic Automatic Surface Grinder w/ Automatic Downfeed
(1) OKAMOTO 12 x 24 Hydraulic Automatic Surface Grinder w/ Automatic Downfeed
(1) OKAMOTO 16 x 24 Hydraulic Surface Grinder w/ Automatic Downfeed
(1) TOS Universal ID/OD Cylindrical Grinder 16" x 60" w/ Digital Readout
(1) LANDIS OD Cylindrical Grinder 37" x 75" w/ digital readout & Polishing Attachment
(8) 6 x 12 Surface Grinders (most w/ digital readouts)
(1) DEDTRU Model “C” Centerless Grinder
Blanchard Grinder 36" diameter chuck
(1) Magnetic Rotary Grinding Chuck 10.25 Diameter
(1) Vacuum Chuck 6" x 12"
(1) Various Harig & Newbould Spin Fixtures & Radius / Angle Wheel Dressers
FABRICATION
(1) WHITNEY Fabricator 1330 CNC Punch Press 30” x 144” 30 Ton
(1) CINCINNATI 12’ X ¼” Shear
NATIONAL 4’ x .09” Shear
Durmaxlar 12’ X 3/16” Hydraulic Press Brake 240 Ton with CNC Back Gauge
4’ Press Brake
MUBEA Iron Worker
(1) Stick, TIG and MIG Welders
(1) Dake 75 Ton Hyd. Press
(1) Welding Turntable
(1) Vibratory Bowl for Parts Deburring
(2) Sand Blast Cabinets
SAWS & DRILLS
(1) Do All 12” wide Horizontal Automatic Band Saw
(1) Johnson Vertical 3 Wheel Band Saw 12” High x 40” Throat
(1) ELHA Radial Drill press
(1) 4 Spindle Powermatic Drill Press
(1) 6 Spindle Fosdick Drill Press
(1) 6 Spindle Allen Drill Press
PRESS EQUIPMENT
45 Ton FEDERAL OBI COIL FEEDERS
60 Ton BLISS OBI MATERIAL STRAIGHTNERS
70 Ton NIAGRA OBI SERVO & AIR FEEDERS
(2) 200 Ton BLISS OBI
HEAT TREAT
(1) 8” X 8” X 16” Oven (2000 Deg. Max)
(1) 12” X 12” X 36” Oven (2000 Deg. Max)
(1) 19” x 25” x 35” Oven (500 Deg. Max)
(1) Clark Rockwell Hardness Tester
INSPECTION
(1) DEA GAMMA 0101 CNC CMM 28” X 24” X 22”
(1) Suburban Tool Masterview w/Quadra-check
(1) Tool Makers Microscope
Various Height & Bore Gauges, Gauge Blocks & Pins.
CAD/CAM
Solidworks, Autocad, General Cad, Solid Cam, Easy Edm, Mastercam
PRINTERS/PLOTTERS
(1) HP T2530 Designjet 36” wide Copier, Printer, Scanner

Also fully equipped with necessary welders, hones, overhead trolley cranes (5 ton in assembly shop & 1 ton over mills), tow motors, die trucks and other equipment too numerous to list. Please call for specifics if required.