



FACILITIES LIST

CAD - CAM SYSTEMS

AutoCAD 2014
Autodesk Inventor
Mechanical Desktop
Solidworks 2014
Mastercam (Ver. X7)

GRINDERS

(2) Boyer Schultz 6" x 12" Surface Grinder
Ried 6" x 18" Surface Grinder
Covel 14" x 24" Hydraulic Surface Grinder
Blanchard No.18 36" Rotary Surface Grinder
Landis 10" x 30" Universal O.D. - I.D. Grinder

CNC LATHES

(1) Bridgeport/Romi 19" x 40" EZ-Path-II
(3) Bridgeport/Romi 15" x 40" EZ-Path-II
Haas ST30 21" x 26" max capacity
Okuma LB10 7" Chuck 6" x 9" Travel

LATHES

LeBlond 25" x 78" Engine Lathe w/DRO
Harrison 13" x 40" Engine Lathe w/Taper Attachment

PRECISION BORING MACHINES

Summit 4" Horizontal Boring Mill w/DRO
Travels X 66" - Y 48" - Z 36" Spindle 24" Travel
Table 48" x 60" w/built-in Rotary
Right Angle Head
30" Max Dia. Facing Head

MILLING MACHINES

(6) Ex-Cell-O Vertical Mills w/DRO
Travels X 26.5" - Y 13.5" - Z 6"
Tree 2UVR Vertical Mill w/DRO
Travels X 33.5" - Y 13.5" - Z 6"

DRILL PRESSES

Wilton 20" Drill Press
Avery 24" #2 Box Column Tapping/Drill Press
Caser 48" Radial Drill

INSPECTION

0" - 24" Micrometers
0" - 6" Dial Bore Gages
0" - 40" Digital Calipers
Gage pin sets
Kodak 14" Optical Comparator
Micro-Flat 48" x 96" Granite Surface Plate
Gage blocks and accessories

CNC HORIZONTAL BORING MILL

Kuraki KBT-11W-DX
Fanuc 15M-A Control
Spindle Speed 5 - 2, 500 RPM
Table Size 55" x 63" w/Rotary, 14,300lb Capacity
Travels X 78" - Y 59" - Z 57"
Spindle 4.33 Dia. 26" Travel

CNC MILLING MACHINES

Cincinnati Milacron VMC / 21 ATC
Sabre 1500 w/Acrumatic 2100 Control
10,000 RPM Spindle
Travels X 60" - Y 30" - Z 32"
Cincinnati Milacron VMC / 21 ATC
Sabre 1250 w/Acrumatic 2100 Control
8,000 RPM Spindle
Travels X 50" - Y 30" - Z 32"
Haas VF-4SS VMC / 25 ATC
12,000 RPM Spindle
Travels X 50" - Y 20" - Z 25"
Haas VF-2SS VMC / 25 ATC
12,000 RPM Spindle
Travels X 30" - Y 16" - Z 20"
Hurco BMC 30HT/M
8,000 RPM Spindle
Travels X 30"-Y 17"- Z 24"
Tree 330 CNC Milling Machine
w/3 Axis CNC Control - Autocon 30
Travels X 30" - Y 12" - Z 7"
Tree 210 CNC Milling Machine
w/2 Axis CNC Control - Autocon 20
Travels X 30" - Y 12" - Z 6"
Willis WM#VS
w/2 Axis CNC Control- Acu-Rite
Travels X 36" - Y 13" z 6"

CNC EDMS

Sodick AP500 4axis CNC wire EDM
Travel X 20" - Y 14" Max Pt Height 11"
Submerged cutting, autothreading
CHMER 4axis CNC Wire EDM
Travel X 14" - Y 12" Max Pt Height 7.1"
Sodick K1C Small hole EDM w/DRO
Travels X 7.8" - Y 11.8" - Z 11.8"
Electrode Dia. 0.008" - .118" (.2mm-3.0mm)

SPECIALTY EQUIPMENT

Drill Master Gun Drilling attachments: for up to 48" Deep
Sunnen High speed Honing Machine w/ .090 - 3" Mandrels
Portable paint system

MISCELLANEOUS EQUIPMENT

10,000 Lb. Overhead Crane
6,000 Lb. Fork truck
48" sheet metal box break
36" Pexto Squaring Shear
20" Powermatic Contour Band Saw
9" x 18" WF Well Twin Post cut off saw
14" Cincinnati Abrasive Cutoff Saw
Miller Syncrowave 250DX Tig Welder
Miller Syncrowave 350LX Tig Welder
325 Amp Lincoln AC-DC Mig Welder
Coleco Glass Bead Blast Cabinet
Hydraulic straightening press
Disc and belt sanders