



# Eagle Machine Tool Tree Machine Tool Co.

[www.eaglemachinetool.com](http://www.eaglemachinetool.com)

Serving the metal and wood working  
industries for 22 years

**CONTACT US!**

(P): 231-798-8473 | (F): 231-798-7679 | (E): [eagle1cnc@aol.com](mailto:eagle1cnc@aol.com)

**Purchased assets of Tree Machine in April, 2009:**

Tree Mill parts, wiring prints and operation manuals available

## CNC Retrofits - Boring Mills (80+)

Grinders, Lathes, Routers, Machining Centers, Rotary Tables

Sales and Service of Mitsubishi PLC and CNC Controls

CNC Custom Machines

PC2100 support and hard drive repair

Laser Calibration

Renishaw Ball Bar analysis

ZF Gearbox conversions

Heidenhain and Fagor Scales

Custom Jog Boxes and machine operation panels

Pushbuttons and BCD switches

Replacement Handwheels (5volt and 12volt)

**Examples of Recently Completed Retrofits:**



**Gear  
Machinery**



**MAZAK ST50N/2000U**  
CNC LATHE



**MITSUBISHI PB45B-200P**  
17" X 80" CNC GRINDER



**CINCINNATI 350-20**  
TWIN GRIP CENTERLESS  
GRINDER



**KITAMURA 3XIF**  
"SPARKCHANGER" VMC



**MITSUBISHI M-TC10B**  
CNC LATHE

**Production  
Machinery**

### AUTO CHUCKERS

NATIONAL ACME 8" RPA-8, '56, #84  
GOSS & DE LEEUW 1-2-3, '67, #3877  
MITSUBISHI HP-16, 6-Spindle, '90, #3659

### AUTO SCREW MACHINES

NATIONAL ACME 5/8" RN-6, '81, #3348  
(2) MITSUBISHI-ACME 1", '80, #4515  
(5) MITSUBISHI-ACME 1.25", '80, #4518  
ACME GRIDLEY 2-5/8" RB6, #4582  
ACME GRIDLEY 4" RB6, #4624

### BORING MILLS, HORIZONTAL

LUCAS 4" 441B-72, 48" X 72" Table, #3820  
BULLARD 5", 48" X 72" Table, #2510  
TARUS MBX2, Clay Mill, '94, #11355

### BROACH EQUIPMENT

DETROIT 30T, 66" Str VPD, #16656  
AMERICAN XA-175-B, 4T, 30" Str Horiz, #18753  
ASTRO AVB-24-2-70, 2T, 24" Str Vert, #14669  
PIONEER VT 630, 6T, 30" Str VPD, #5181  
(2) J.S. BROACH VPD 10T, 36" Str, #5783

### BROACH SHARPENERS

HUFFMAN HS134 100" CNC, Fanuc 15M #11758  
COLONIAL CS-5 11.5" X 110", 84" Rd, 78" Flat, #17402  
COLONIAL FS-48 510M 11.5" X 60", #17403

### DRILLS, MULT. SPINDLE

BAUSH H-3A, 24-Spindle, 2.5" Driver, 1978 #2916  
NATCO K6, 16-Spindle, #3895

### JIG MILLS & BORERS

DeVILIEG 43H72 Jig Mill CNC #2551

### CRANKSHAFT MACHINERY

(4) GFM FKS-15-2, CNC Milling, '93, #7413  
(2) BOEHRINGER CM320, CNC Twin Mill, '04, #16394  
(2) BOEHRINGER NG200, CNC Twin Turn, '04, #16407  
HELLER RFK 200/8002, Milling '04, RBLT #17718  
(2) LANDIS 3SE, 14" X 60", AngleHead, Fanuc, #18345  
(2) LANDIS 3SEH, 15" X 55", CNC OD, Gaging, #16601  
(8) LANDIS 5RE, 16" X 32", CNC Crankpin, #17891  
(6) LANDIS 5RE-IN, 16" X 36", CNC, 6400, #7418  
ADCOLE 1200 SH, 25" Tester, #18192

### DRILLS, RADIAL

AMERICAN 8" X 19", Hole Wizard, #15344  
CARLTON 3" X 9", '75, #2604  
CARLTON 3" X 11", w/ Tilt Table #12372  
CARLTON 8" X 19", w/ 30" Track, 27" Floor Plate #18899

### GRINDERS, BEARING

BRYANT C-2, Bore Grinder, '80 #3170  
LANDIS MSC-120, '80, 1.5" - 4.8", #859  
HEALD 1EF-90, Shoe Type, '83, #3196

### GRINDERS, CENTERLESS

CINCINNATI 350-20, 5-5.58", Twin Grip #18562  
CINCINNATI 325-12, Thrufeed, 5'-3" Max, 6" Dia, #16738  
CINCINNATI No. 2, 4.75" Short Dia, 2" Bar Dia, #18567  
ACCURATE No. 2, 18" GWheel, 12" RWheel, #4305

### GRINDERS, CYLINDRICAL, UNIVERSAL

LANDIS 18U, 10" X 20", Rebuilt #3787  
LANDIS 28U, 14" X 36", w/ ID Attachment #13486  
LANDIS 38U, 14" X 48", #13487  
JONES & SHIPMAN 10" X 18", Marposh, Resis, Plunge, #4622

### GRINDERS, INTERNAL

CAMPBELL 60" CNC I.D. GRINDER, #19004  
(6) DRAKE XLO35, Fanuc CM, Heidenhain Scale #15689  
HEALD 273A, Red Head Spin, Dress, Vari Speed, #18725  
(2) HEALD 271 SZEMATIC, 5.5" Dia, 5' Lgh, 25,000RPM #18556  
HEALD 271, Hole & Face, #3366  
HEALD 171, Reconditioned '93, #529  
BRYANT 1316-L, 16" Swing, 9" Str, Hole & Face #2663  
(3) BRYANT L13-50, Fanuc 15M, '93 #11676

### DRILLS, GUN

ELDORADO MB-0029, Twin Spindle, .75" X 30", '02, #17391  
TBT NAGEL M320-6.6 Spindle CNC 3/4" X 16", '03, #16575  
ELDORADO MB-01032, .75" X 15" #16743  
ELDORADO M75-1035, .75" X 15" #16744

### GRINDERS, SURFACE

ACER 6" X 18", Chuck, Wheel Mount, #16749  
REID 6" X 18", Rebuilt, Guarantee #3679  
THOMPSON 6" X 18", Hyd, Chuck #1502  
PARKER MAJESTIC 6" X 18", Rebuilt, Guarantee #3101  
BROWN & SHARPE 618 6" X 18", '82, #5750  
JONES & SHIPMAN 12" X 29", #4288  
GARDNER 12" X 30", Hyd, Chuck #200

### THREAD & SPLINE GRINDERS

(6) DRAKE XLO 39 CNC Internal Ball Nut Grinder, Fanuc CM #15670  
EXCELLO 35L 12" X 48" #8994  
JONES & LAMSON 36" X 96" N850 Dresser #716  
GALLMEYER & LIVINGSTON Model 380 #4535  
THOMPSON 114" Dresser, #852

### CNC MACHINING CENTERS

OKUMA MAB-80H, 5 AXIS, HMC #19005  
(2) MAKINO A88, Fanuc 160, '00 #14112  
(MMC Pallet & Handling System Available)  
OKUMA HOWA SH, 2-Pallet, Fanuc 6MB, #3402  
NTC NV-46 VMC, Twin Pallet, Fanuc 21M #15216  
MAZAK VOC-20/50 VMC, 22" X 49" Table, #16557  
MILLTRONICS P1-H, 12" X 40" Table, #18699  
TAKANG VMC 1020, CM Fanuc, 24ATC, #3401  
WAHL VWS0, Siemens, 32ATC, B-Axis #6249

### PRESSES

BLISS C-45, 45T, 29.5" X 19.5" Bed, 2.5" Str, #3591  
ETTEL ASP 253 Str Press, '00, #9406  
HESS MAE Str Press 10T, 6" Stroke, #17729  
HANNIFIN S350A, 35T Str Press, 12" Stroke, #15796  
HANNIFIN F-500A, 50T Str Press, 23.5" X 14.25" Table, #18557

### LATHES, ENGINE

AMERICAN 20" X 48", 18" 4-Jaw Chuck, #206  
CINCINNATI 20" X 72", 3 & 4-Jaw Chuck, Steady Rest, #12371  
CLAUSING 8" X 20", "Colchester", 4-Jaw Chuck, #10194  
LEBLOND 16" X 30", 12" 3-Jaw Chuck, Steady Rest, Taper Attach #525  
VICTOR 16" X 40", DR0, 12" 6-Jaw Chuck, #10190

### MILLERS

EXCELLO 602, 9" X 48" Table, 40 Taper #4490  
INDUMA 9" X 42" Table, Power Feed, 2HP #475  
BRIDGEPORT SERIES I, 42" Table, 2HP Vari. Spd. #2890  
MAHO MH-C700 CNC #10195



**HEALD 273A**  
UNIVERSAL INTERNAL GRINDER



**CAMPBELL 700-60-60-54/60**  
CNC VERTICAL UNIVERSAL INTERNAL  
GRINDER



**BOEHRINGER CM 320**  
CRANKSHAFT MILLING MACHINE



**OKUMA MAB-80H**  
5-AXIS HORIZONTAL  
MACHINING CENTER



**NISSIN NMC-160**  
CNC MILLING & CENTERING

**GIBBS**  
Machinery Company

**NORTH AMERICA'S LARGEST INVENTORY OF GEAR MACHINERY & MACHINERY TOOLS**

21500 Hoover Rd. Warren, MI 48089 (Detroit Suburb) • Ph: 586-755-5353 • Fax: 586-755-0304

Website: [www.gibbsmachinery.com](http://www.gibbsmachinery.com) • [sales@gibbsmachinery.com](mailto:sales@gibbsmachinery.com)

Reconditioned • Tooled • Parts

6060 Grand Haven Road | Norton Shores, MI 49441