



## State-of-the-Art Aerospace Facility

**IMMACULATE  
CONDITION**

See PM Program Page 2



**5-AXIS**

MAKINO MAG3.EX



**6 AVAILABLE**

**10K**

CINCINNATI 5-AXIS 3-SPINDLE HIGH SPEED GANTRY

### FEATURED EQUIPMENT:

- (30) CNC Machines including Makino MAG3ex • Makino A61 • DMG 160U • DMG 80U • DMG CTX Gamma 2000 • Ingersoll High Speed 5-Axis
- (6) Cincinnati 5-Axis Gantrys • Cincinnati H5-800 • Cincinnati H630 • Cincinnati 30-V • Cincinnati 20V's Machining Centers • CNC Boring Mill
- Sciaky Beam Welder • Turning Centers • Huge Grinding Department & Massive Quantity Toolroom & Inspection Departments
- Complete Lab & X-Ray Department Ovens & Paint Booths • Bridge & Jib Cranes • Rolling Stock
- Complete Chemical Processing Line • Complete Metallurgical, Chemical & NDT Labs & Equipment

Over  
1,500 Lots!

**AUCTION #1 – LIVE ONSITE:** Wednesday, June 22 at 10:00am (CDT)

**AUCTION #2 – ONLINE ONLY:** Monday, June 27, Starts Closing 11:00am (CDT)

**INSPECTION:** Tuesday, June 21, 8:00am to 4:00pm (CDT)

**AUCTION LOCATION:** 140 Sparkman Drive Northwest, Huntsville, Alabama 35805



# 5-AXIS HORIZONTAL MACHINING CENTERS

- **Makino Mag3.Ex with A.P.C., Fanuc 31i, 157" x 59" x 39", HSK 100 taper, ±110 deg. B-axis, 360 deg. A-axis, 107 HP, 33,000 RPM, 120 ATC, s/n 94, New 2008**

- **DMG DMU-160U, Siemens 840D, 63" x 49" x 39", ±30 deg. to -180 deg. B-axis, 0.9 deg. C-axis, 43 HP, 6,300 RPM, 120 ATC, high-speed CTS, s/n 11250001093, New 2008**



- **DMG DMU-80P, Siemens 840D, 27" x 31" x 31", ±30 deg. to -180 deg. B-axis, 0.9 deg. C-axis, 37 HP, 8,000 RPM, HSK 63 taper, 50 ATC, high-speed CTS, s/n 1140001993, New 2007**
- **Cincinnati Magnum H5-800 5-Axis, Siemens A950, (3) 31.5" pallets, 61" x 48" x 47", 180 deg. A-axis, .001 deg. B-axis, 6,000 RPM, 60 ATC, 1999, s/n ZD00A01980009**



For 8 years AAR have contracted with ATI to have 2 service people on location at all times to do all PM and upgrades for maintaining machines to aerospace specifications. A full set of work done is available for each machine upon request.

PLEASE VISIT OUR WEBSITE FOR MORE DETAILED LISTINGS



# 3-SPINDLE 5-AXIS GANTRY



CINCINNATI 5-AXIS HIGH SPEED GANTRY



CINCINNATI 5-AXIS GANTRY



CINCINNATI 5-AXIS GANTRY

- **Cincinnati 3-Spindle 5-Axis High Speed**, Siemens A950, 600" x 104" x 28", A- and B-axis  $\pm 30$  deg., 40" spindle center distance, 160" wide x 720" bed length (can be expanded), 100 HP, 10,000 RPM, s/n 4320C0197-0006, 1997
- **Cincinnati 3-Spindle 5-Axis High Speed**, Fanuc 16i, 600" x 84" x 18", A- and B-axis  $\pm 20$  deg., 40" spindle center distance, 160" wide x 720" bed length (can be expanded), 75 HP, 10,000 RPM, s/n 430576-0005
- **(2) Cincinnati 3-Spindle 5-Axis**, Siemens 2100, 840" x 84" x 18", A- and B-axis  $\pm 20$  deg., 40" spindle center distance, 160" wide x 1,080" bed length (can be expanded), 30 HP, 3,600 RPM, s/n's 4305-76-0015-RL98 and 4305-76-0016-RL99, Retrofit Late 1990's
- **(2) Cincinnati 3-Spindle 5-Axis**, Fanuc 31i-A5, 840" x 84" x 28", A- and B-axis  $\pm 25$  deg., 40" spindle center distance, 160" wide x 1,080" bed length (can be expanded), 30 HP, 3,600 RPM, s/n's 4305A0182-004 and 4305A0182-0045, Est. Retrofit 2010



# 5-AXIS VERTICAL MACHINING CENTERS

- **Ingersoll VFP 1.8 High Speed Bridge Type**, Siemens 840D, 157" x 118" x 36", 110-deg. B-axis, 400-deg. C-axis, 108 HP, HSK 63A taper, 24,000 RPM, 40 ATC, s/n 03, 2004
- **Cincinnati 30-V Bridge**, Siemens A950, 168" x 70" x 25", Cat 50, A- and B-axis  $\pm 25$  deg., 30 HP, 3,600 RPM, s/n 89-419Q388-1, 1988
- **Cincinnati V5-2000**, Siemens 840D, 80" x 30" x 30", HSK 63, A.P.C., A- and B-axis  $\pm 40$  deg., 30 HP, 24,000 RPM, s/n QE00C010300002, 2000
- **(3) Cincinnati 20V-120**, Fanuc 16i/Siemens A950, 119" x 30" x 24", A- and B-axis  $\pm 25$  deg., 20 HP, 3,600 RPM, s/n's 87-416Q751-1, 89-419Q389-1 and 81-417Q861-1, 1989-87, Completely Rebuilt and Retrofitted
- **(2) Cincinnati 20V-80**, Fanuc 18i, 79" x 30" x 24", A- and B-axis  $\pm 25$  deg., 20 HP, 5,000 RPM, s/n's 85-413Q704-1 and 85-415-Q215-1, 1985, Completely Rebuilt and Retrofitted



INGERSOLL VFP 1.8  
HIGH SPEED



CINCINNATI 30-V BRIDGE



CINCINNATI 20V-120 WITH COMPLETE FANUC RETROFIT



CINCINNATI V5-2000 WITH HSK 63



CINCINNATI 20V-80 WITH COMPLETE FANUC RETROFIT



# CNC TURNING & EDMS



DMG CTX GAMMA 2000

- **DMG CTX Gamma 2000 Siemens 840D Control**, 25"/40" swing, 80" cc, main and sub-spindle, B-axis  $\pm 120$  degree with 12K, fully programmable steady rest, chip conveyor, New 2008
- **Mazak QTN200-II**, 10" Matrix Nexus, 21" max. swing, 12-station turret with LNS barfeed, 2,200 RPM, s/n 202083, 2008, very low hours
- **Mori Seiki LL-8**, Fanuc 6T, 4.13" spindle hole, 112" distance between centers, 50" max. swing, 60 HP, 1,000 RPM, s/n 7065515
- **Hitachi Seiki HT23SII**, Fanuc O-T, 2" spindle hole, 20" distance between centers, 14" max. swing, 15 HP, 3,600 RPM, s/n HTS2820HL
- **Ex-Cell-O 5-Axis CNC Missile Body Milling Machine**, A-B 8 Series CNC control, CT-50 taper, rotary table

STEADY REST



MAZAK NEXUS-200-II



MORI SEIKI LL-8



HITACHI SEIKI HT23SII



GREENLEE BROS. CNC 5-AXIS MACHINE

## WIRE EDMS



FANUC ROBOCUT  
a-1iC EDM



FANUC ROBOCUT  
a-1iB EDM

**IMMACULATE  
CONDITION**

See PM Program  
Page 2

- **Fanuc Robocut a-1iC**, Fanuc 180is-W control, 22" x 15" x 12" travels, AWT, submerged cutting, chiller, New 2006
- **Fanuc Robocut a-1iB**, Fanuc 180is-W control, 22" x 15" x 12" travels, AWT, submerged cutting, chiller, New 2002
- **Pratt & Whitney Fanuc Tape Cut W2**, Fanuc O-M control, 1989



# 4-AXIS CNC VERTICAL MACHINING & BORING



HAAS VF-6SS WITH HAAS 5TH AXIS ROTARY TABLE



HAAS VF-6/50

- **Haas VF-6SS**, 60" x 26" x 20", 30 HP, 10,000 RPM, s/n 1072437, New 2009
- **Haas VF-6/50**, 64" x 32" x 30", 30 HP, 7,500 RPM, s/n 1074640, New 2009
- **Haas VF-5B/40XT**, 60" x 26" x 20", 30 HP, 10,000 RPM, s/n 1070634, New 2008
- **5" Mitsubishi**, Fanuc 18i, 98" x 78" x 59", 19" W-axis, 360,000 deg. B-axis, 50 HP, 3,000 RPM, 40 ATC, s/n THK-6511, New 2001



HAAS VF-5/40XT



5" MITSUBISHI BORING MILL

## 4-AXIS HORIZONTAL MACHINING CENTERS

- **Makino A61**, Fanuc 30i CNC control, HSK 63A, 28" x 25" x 28", 30 HP, 20,000 RPM, 60 ATC, s/n 136, New 2005

- **Cincinnati Maxim 630**, Siemens A950, 40" x 32" x 32", 360 deg. B-axis, 33 HP, 8,000 RPM, s/n 3632C0197-0084, 1997

- **Cincinnati Maxim 500**, Siemens A950, 28" x 28" x 30", 360 deg. B-axis, 27 HP, 8,000 RPM, s/n 361C0196-0008, 1996



MAKINO A61

**BUYER'S PREMIUM:**  
15%  
ONSITE  
& 18%  
ONLINE



CINCINNATI MAXIM 630



## QUALITY INSPECTION & LABORATORY

**Sheffield Endeavor 2 12-30-10 DCC CMM,** 48" x 120" x 40" travels, PC DMIS v.10, Renishaw PH-10MQ probe, New 2009

**Sheffield Cordax RS-150 DCC CMM,** 48" x 80" x 40" travels, PC-DMIS v.10, Renishaw PH-10 probe, Upgraded 2010

**14" Jones & Lamson Comparator,** with DRO  
**Xylon X-Ray Inspection System,** with Comet X-ray tube

**Several lab Grade Granite Surface Plates** to 6' x 10'

**Complete Gage Calibration Lab**

**Chemical and Metallurgical Test Labs**

**Entire Clean Room to Be Sold Intact**

**Perkin Elmer Spectrophotometer;** (3) **Hardness Testers;** **Singleton Salt Fog Chamber SCCH,** s/n SCCH 22-43041; **Chemical Lab,** with hood; **Blue M Oven;** (2) **BLUE M Humidity Chamber;** **Pneumatic Mounting Press;** **Doumet II Belt Surfer;** **Buehler 10-1000-260 Cut-Off Saw,** s/n 309-A-1481; **BG 20-Belt Grinder;** **Satec System M120HVL Universal Testing Machine,** s/n 1196; **ATS 900 Testing Machine,** s/n 900915; **Triangle Engineering WTB- HRA 180 Degrees Bender;** **Micromet 80-M-487 Micro Hardness Tester,** s/n 1600-1000; **Mitutoyo TM-111 Tool Maker Microscope,** s/n 61171; **All Scale Hardness Tester;** **Liquid Penetrant Inspection Booth,** with multiple U/V lamps

**Tooling Measurement and Preparation Equipment including:** **Parlec TMM 1800 Tool Presetter and Shrink Set Heat Shrinker,** **DMG ECO Tool Presetter,** **Haimer Tool Dynamic 2002 High Speed Tool Balancer.**



SHEFFIELD 12-30-10 DCC CMM



SHEFFIELD CORDAX RS-150 DCC CMM



SUNNEN



HEIGHT GAUGES



MICROMETERS



CLEAN ROOM



VIEW OF LAB



SCIACKY VX.3-108X72X102  
ELECTRON BEAM WELDER



BINKS OVENS



EDWARDS TRUECUT SHEAR

## CHEMICAL SURFACE TREATMENT PROCESS LINE

(2) Complete Chemical Plating and Anodizing System with Multiple Tanks and Electric Hoist with Parts Basket



CHEMICAL PROCESSING LINE



## FABRICATION EQUIPMENT

**Dake 40 Hydraulic Press,** s/n 3526

**Dake PSS40 Hydraulic Press,** s/n 2062

**Atlantic Aircraft Tool Co. C90B Rivet Setter,** s/n 1566

**1/4" Edwards Truecut Shear,** 121" max. width, s/n 814801205

## SAWS

**W.F. Wells F-15 Auto. Horizontal Bandsaw**

**Marvel Series 8 Mark I Tilt Frame Vertical Bandsaw**

**20" Savage Plate Saw,** 20 HP, 48" max. cut width

**DoAll and Powermatic Vertical Bandsaw**

## VIBRATORY DEBURRING & FINISHING

**VL Rampe 2V40 Vibratory Deburring Tub**

**Rosemond RFT-27-60,** 10 HP; **Rosemond RFT 14-7,** 5 HP



VIBRATORY ROOM



# TOOLROOM & GRINDING DEPARTMENT



VIEW OF LATHES



VIEW OF BRIDGEPORT MILLS

## TOOLROOM & GRINDING

15" x 60" Harrison M390 Engine Lathe

15" x 48" LeBlond Makino Regal 15C-1038  
Servo Engine Lathe, 16" x 60", 15" max. swing

(2) 19" x 49" Wasino LE-125H Engine Lathe,  
23" x 42", 20" max. swing, s/n 570-H

(12) Bridgeport Series I Vertical Mills, DROs,  
power feed, Rebuilt as New as 2003, all rebuilt

4" Devlieg 4H60 Horizontal Jig Mill, DRO

Moore #2 Jig Bore, 16" x 8" x 3", 2 HP, 2,500 RPM

K&T Milwaukee 10 HP-4CH HD and Milwaukee Mdl. #4K  
Vertical Mills

Blanchard 22K42 Grinder, s/n B26-317

(3) Cincinnati #2MT Tool and Cutter Grinder

Tool Presetters, Drill Grinders, Surface Grinders and  
More!



VIEW OF GRINDING



BLANCHARD 22K42 GRINDER



<  
CINCINNATI  
CIMCOOL  
RECYCLING  
SYSTEM



VIEW OF TOOLROOM

## WELDING

Sciaky VX.3-108X72X102, 60 kv E.B. gun,  
85" x 35" x 30", rotary table, NC control, s/n  
10998, 1984

Miller Deltaweld 302 Mig Welder

Miller Syncrowave 350 AC/DC

Arc Welders

Miller Dial Arc 250 AC/DC Arc Welders

## AIR COMPRESSORS

(2) 75 HP Ingersoll Rand SSR-EP-75  
Rotary Screw Air Compressors,  
as New as 2009

75 HP Sullivan Palatek 75VD Rotary  
Screw Air Compressor, variable frequency

## ROLLING STOCK & CRANES

Stake Bed Truck

Tennant Ride-On Floor Sweeper

Toyota, Doosan and Nissan  
Forklifts

(6) Golf Carts

Shepherd Niles 7-1/2-Ton 45'- Span,  
with rails

Kone crane 5-Ton 45' Span,  
with rails

Kone 2-Ton 60' Span

Kone 1-Ton 25 x 15' Span

Space Master #2 4-Ton 50' Span

Large Selection of JibCrane



WELDING OVERVIEW



KURT VISES



INGERSOLL RAND AIR COMPRESSOR



1-TON KONE CRANE



VIEW OF TOOLING



VIEW OF FORKLIFTS



Wednesday, June 22, Starting at 10:00am (CDT)

**TERMS AND CONDITIONS: Payment:** Bidders are required to pay in full within 24 hours of final invoice date. Applicable sales tax will be added to the purchase price and the buyer's premium of all taxable items. Lots not paid for and/or removed within the time allowed may be resold at public or private sale without further notice and any deficiency, together with all expenses of that resale, will be charged to the defaulting purchaser. The buyer acknowledges that (s)he or an agent has inspected all of the assets upon which (s)he will be bidding and/or does purchase. The auctioneer and seller make no warranty or guarantee, expressed or implied, as to the accuracy of the information herein contained, or contained in our catalog. Auctioneer reserves the right to withdraw items, alter the order of the sale, accept bids from the Seller and group lots as it may deem appropriate. All resellers be prepared to provide Resale Certificate on the day of auction. Everything will be sold "AS IS," "WHERE IS," "AS AVAILABLE." ALL SALES ARE FINAL. The Auctioneer and seller expressly disclaim, without limitation, any warranty of merchantability or fitness for a particular purpose. These terms are merely meant to be representative; by registering for and/or bidding in this auction, you are expressly agreeing to these Terms as well as all of the Terms and Conditions in both the Bid Card and the Auction Catalogue. **Removal:** RIGGING/ REMOVAL IS THE RESPONSIBILITY OF THE BIDDER/BUYER AND ALL RIGGERS ARE REQUIRED TO BE LICENSED AND APPROVED BY THE AUCTIONEER. Every effort will be made to facilitate removal. All removal activity must be in accordance with OSHA guidelines and safety standards. Removal may begin when the auction has been completed & Payment IN FULL has been made. **BUYER'S PREMIUM: 15% Onsite & 18% Online.**

### Are You Considering an Auction?

For a confidential inquiry call Gary at 888-998-4440 or email [gt@machinerynetworkauctions.com](mailto:gt@machinerynetworkauctions.com)

**REMOVAL DATE:** Items Must be Removed by July 6, 2016. Except for (6) Cincinnati Gantrys – removal date will be extended.

ONLINE BIDDING AT:



## WAREHOUSE MACHINES TO BE SOLD OFF-SITE - HUNTSVILLE, ALABAMA INSPECTION BY APPOINTMENT ONLY

### FABRICATION EQUIPMENT

**Mitsubishi 2512 HC 2-Axis Laser**, 1,600 watts, 96" x 48", max. width 48", max. length 96", max. part height .375 thick, Meldas control

**Mitsubishi 1212HB1 2-Axis Laser**, 800 HP, 96" x 48", max. width 48", max. length 48", max. part height .25 thick Meldas control

**Burny Phantom MNT 13495 Plasma Cutter**, s/n 100963-S936

**Mazak Hyper Turbo X510 2-Axis Laser**, Mazak control, 4,000 watts, 60" x 120" max. width, max. length 120", max. part height 1", s/n 214726, 2008

**Cincinnati Milacron Avenger 250MS CNC Turning Center**, Acramatic 850SX, 3" spindle hole, 19" max. turn length, 10" max. turn dia., 30 HP, 4,000 RPM, s/n 3650BMS96-0003

**Star SR-32 CNC Lathe**, 1-1/4", 7 HP, 7,000 RPM, s/n 20998

**Miltronics RH 25-B 4-Axis VMC**, Fanuc Oi control, 20 HP, 8,000 RPM, 80" x 28" max. width 150", max. length 80", max. part height 28", s/n 5793

### SMALL EQUIPMENT

(8) **Mitsubishi M-H500 Horizontal 3.5-Axis**, 30 HP, 6,000 RPM, X-28", Y-24.8", Z-23.6", max. width 20", max. length 20", max. part height 20", Meldas 500 control, s/n's H5A-162, H5A-196 and H5A-198, 1998, s/n's H5A-126, H5A-128, H5A-137 and H5A-142, 1997, s/n H5A-028, 1995



MAZAK HYPER TURBO LAZER



MITSUBISHI MH-500

These Warehoused Machines on Location Since 2012  
Transferred from Other AAR Facilities

For 8 years AAR have contracted with ATI to have 2 service people on location at all times to do all PM and upgrades for maintaining machines to aerospace specifications. A full set of work done is available for each machine upon request.

## UPCOMING AUCTION CALENDAR



HELLER H 10000 5-AXIS



### PUBLIC AUCTION Tuesday, June 14 • 2340 Dove St., Port Huron, MI 48060

FIRST IN A SERIES of World-Class High Precision CNC Machining Auctions, Large Cap. 4th & 5th Axis Horiz. CNC Precision Machining Facility, Major Manufacturer of Crank Case, Heads, & Connecting Rods, (Over 40) CNC Machine Tools as late as 2015  
Featured Equipment: (34) CNC Horizontal Machining Centers, '15 Toyoda FH1000SX, '15 Toyoda FA800SX, (12) FA1000 & FA630, (2) '15 Heller H 10000 OP20/30 & H 10000 OP80 w/U-Axis, (9) OKK, '12 HM1000S, (4) HM100S, (2) '15 OKK HM6300, (4) HM600, (3) Niigata HN80C, (2) Cincinnati Lamb H5-1000XT 5-Axis, (4) Mag Cincinnati HPC-1000XT 4-Axis, (5) CNC Horiz. Boring Mills incl., Kuraki KBT11z, (2) 4" Ikegai NB110T, '12 Sigma SDV-3215H 4-Axis Bridge Mill, '12 Samsung MCV660 CNC, Haas VF5/50 CNC CMM, G&L CMM, Zoller Pre-Setters, Machine Block Equip., HSK & CAT Tooling Hanel Storage Systems & Much More  
• IMMACULATELY MAINTAINED FACILITIES •



BROTHER 5-AXIS



### PUBLIC AUCTION Thursday, June 16 • 404 Union St., Bronson, MI

SECOND IN A SERIES of World-Class High Precision CNC Machining Auctions, Major Precision Engine & Drivetrain Component Manufacturer, (Over 140) CNC Machines as Late as 2015 by Miyano, Brother, Fuji, Samsung, Muratec, Kia, Doosan, Milling, Turning, Grinding, Hobbing, Broaching, Heat Treat

Featured Equipment: (200+) Machines incl. CNC Drilling & Tapping Centers to incl. (7) Brother 5-Axis Mdl. TC-S2DN 5th Axis as New as 2014, (10) Brother Mdl. TC-S2D 5th Axis as New as 2012, Fanuc Robodrill Mdl. Alpha T21ID, Fanuc Robodrill Alpha T10-A, Miyano BX 26S 8-Axis, Miyano Mdl. MTV-C410, (40+) CNC Lathes & Turning Centers to incl. (2) Fuji CSD300 as New as 2014, Fuji PMD-20T as New as 2007, (4) Miyano BNA-42S, (7) Daewoo CNC Turning Centers as New as 2012, (7) Mazak CNC Turning Centers, (10) Muratec MW120, (4) Muratec MW200 as New as 2012, (3) Samsung SL25A/500 New 2014, (2) Samsung SL25ASY 5-Axis, Daewoo Puma 300LMB, (3) Daewoo Puma 300B, (6) Techno Wasino G7, Techno Wasino LG-7, (12) Up to 2004 Kira CNC Vert. Machining Centers, (6) Amada Horiz. Band Saws, (5) CNC Grinders & Toyoda & Supertec & Cincinnati, (6) Bridge Port & Chevalier Band Vert. Milling Machines, (15+) Surface Grinders, (5) Roto-Finish Vibratory Finishers, 100's of Tool Holders, Indexable Insert Mills & Drills, Boring Bars, Rotary Tables, Inspection Equip., Drill Presses

AND PHOTOS. [www.machinerynetworkauctions.com](http://www.machinerynetworkauctions.com)





# PUBLIC AUCTION

## State-of-the-Art Aerospace Facility

**AUCTION  
DATE**

10:00 AM CDT

**JUNE**

**22**

**5-AXIS**



**2008**

MAKINO MAG3.EX



15910 Ventura Blvd. Suite 1410  
Encino, CA 91436



Garth Wilber, Alabama Lic. #1528



Presorted  
First Class Mail  
U.S. Postage  
**PAID**  
Eugene, Oregon  
Permit No. 17

### AUCTION #1 – LIVE ONSITE:

Wednesday, June 22  
at 10:00am (CDT)

### AUCTION #2 – ONLINE ONLY:

Monday, June 27  
Starts Closing 11:00am (CDT)



# PUBLIC AUCTION

## State-of-the-Art Aerospace Facility

**AUCTION  
DATE**

10:00 AM CDT

**JUNE**

**22**



**BARELY  
USED**

DMG CTX GAMMA 2000



**2009**

HAAS VF-6SS



**12 AVAILABLE**

VIEW OF BRIDGEPORT MILLS

**ALL  
REBUILT**

**Over  
1,500 Lots!**

**SEE UPCOMING  
AUCTIONS ON PAGE 9  
WITH OVER 300  
CNC MACHINES!**

### INSPECTION:

Tuesday, June 21, 8:00am to 4:00pm (CDT)

### AUCTION LOCATION:

140 Sparkman Drive Northwest, Huntsville, Alabama 35805