

# INDUSTRIAL TIMES

Serving The Midwest's Industrial Metalworking Community

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February 2015

**INSIDE:** GCH Tool Group - The Largest Supplier to the Grinder Industry in the World, p4, HUGE CNC Equipment Sale, p8, Multi Axis 4 - 11 Axis CNC Bar Machines, p9, MultiTurn MR Series CNC Combination Lathe with Fagor 8055i TC Controls, p10

# LET US HELP YOU!

## HAVE A MACHINE YOU NEED TO SELL?

VISIT OUR WEBSITE FOR MORE INFORMATION AND  
RESERVE YOUR ADVERTISING SPACE TODAY!

With 2015 comes a whole new set of specials and price adjustments.

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**AUCTIONS:** BTM Industrial - CNC Parts Auction - \$1.00 OPENING BIDS, p36, Miedema Auctioneering - West Michigan Die & Mold / Texas EMS Inventory Reduction Sale, p37, Stronghold Equipment - Assets of Atlantic Corp Fabricators, p38

# MUST SELL IN PLANT - UNDER POWER

## Featured Screw Machines:

ACME Gridley RA6 2-5/8

ACME Gridley RA6 1-5/8

ACME Gridley #RB8 1-5/8

ACME Gridley #RA6 1-1/4

ALL MACHINES EQUIPPED WITH Universal threading  
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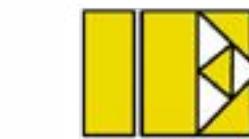
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## Why Buy from GCH Tool Group?

With over 10,000 new grinder parts inventoried in GCH's 300,000-square-foot manufacturing facility and warehouse, including more than 350 standard off-the-shelf assemblies, same-day shipping is nearly always available.

## Expertise and Knowledge in Grinding Applications

Whether you need a spare grinder part or component assembly or want to establish or improve a process or simply need advice, the GCH team of grinder experts – from our engineering team to our customer service staff – will partner with you. We listen to our customers and are continuously developing machine upgrades that will improve your processes and increase throughput.

## Worldwide Support and International Standards

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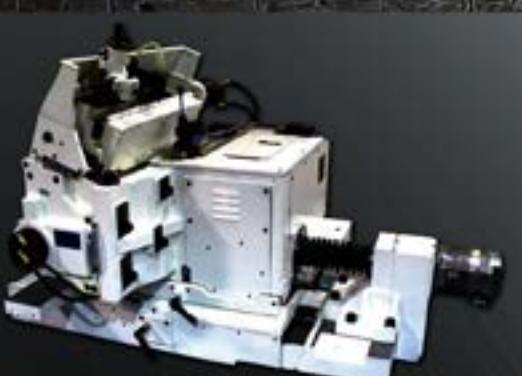
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- Grinding wheel dresser
- Grinding wheelhead assembly (spindles)
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- Infeed unit
- OEM and custom parts
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- Regulating wheel spindle assembly
- Slide stack assembly

### DOUBLE DISC GRINDER

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- Grinding wheelhead assembly
- In-feed compensation unit
- OEM and custom parts



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Turning & Milling Machine with Live



Correa Supra 135 CNC Travelling  
Column Milling & Boring



HNK Model HR-35 CNC Double  
Heavy Duty Plano Type Machining Center



Shibaura Toshiba TMG 10750 CNC Double  
Column Heavy Duty Vertical Boring &  
Tuning Machine



Toshiba MPC-3680E II CNC Double  
Column Plano Milling Machining Center

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- ◆ Foundry Equipment
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- ◆ Lathes, Deep Hole Boring
- ◆ Lathes, Horizontal & Facing
- ◆ Machining Centers / Horizontal
- ◆ Machining Centers / Vertical
- ◆ Mills / Bridge & Planer Type
- ◆ Presses
- ◆ Rotary Tables & Misc. Tooling
- ◆ Tube / Pipe / Bar Machining

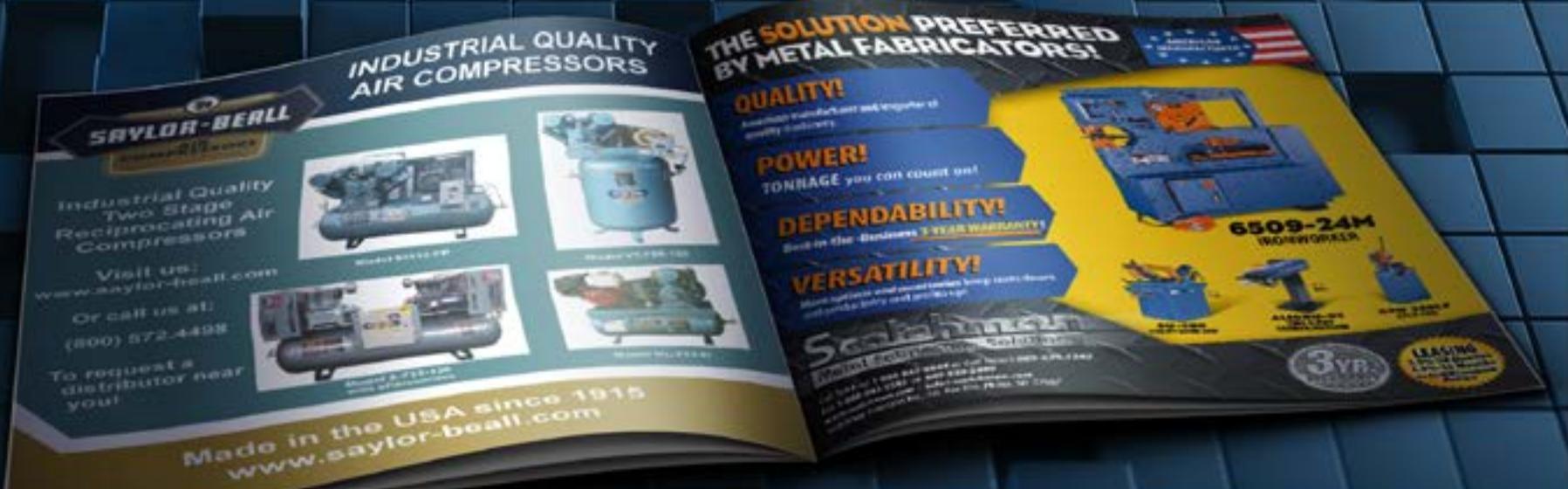
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Industrial Times was created to give a reliable and cost effective media to companies looking to advertise goods and services to the Metalworking Community. We have a database of app. 15,000 decision makers in the metalworking fields throughout MI, IN, IL, WI, OH. If you ever have a need to advertise, we would love to accommodate. We have developed a FAIR PRICING GUARANTEE, which basically means we don't dicker, our prices are extremely fair, but firm. You always get the best rate possible! We are developing our online presence, and invite you to go and check it out at [www.industrialtimesinc.com](http://www.industrialtimesinc.com). You will find one of the best auction calendars in the industry, updated daily, and again dedicated to metalworking auctions only. In the coming months we will be adding some exciting things to the website as well! Please contact us at any time with suggestions to improve our publication or website!

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# FOR SALE IN PLANT



2007 Fadal 2216 FX VMC

1999 Haas VF3 w 4th Axis



5 Axis Mazak Variaxis 630

Hardinge Conquest T42  
Fanuc 18T

Mori Seiki MV-40 VMC.

#55 Gallmeyer Hyd Surface  
Grinder

Charmilles Robofil 310 EDM

Okuma GU-24S CNC Grinder



Takisawa TC-1 CNC Lathe

Tarus CNC Duplicator

available exclusively from  
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Our exclusive brokering services offer machines on customers floors, under power, ready to be put to work for you!

Our rates are as low as 5.5% for this service, and everything is 100% transparent!

The seller gets the check right from the buyer, then we invoice for the commission!  
Fair, Fast and Economical!

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Chiron FZ 15 W

Heller Machining  
Center

Mazak Nexus 6000

Toyota GL-4P-50E  
CNC Grinder

1994 Fadal 6030



1997 Mazak VTC-20B

2000 Acura Seiki CNC  
Bridge Mill

Mazak PFH-4800

1996 Charmilles  
Robofil 290

2002 Fadal 6535



Haas VF5 VMC



Lucas 41B-48 HBM



(2) 2005 Excello XHC-241

2000 Haas VFOE w 4th Axis

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32-GTS 6-Axis Dual Spindle Twin-Gang CNC Mill-Turn 1-3/8" Bar Capacity



32-CS 7-Axis CNC "Swiss Style" Lathe 1.25" Bar Capacity



78-MSY Twin Spindle Single Turret CNC Mill-Turn 3" Bar Capacity



52/70-TTMY Twin Spindle Twin-Turret CNC Mill-Turn 2" / 2-3/4" Bar Capacity



52/70-3TMY Twin Spindle Three-Turret CNC Mill-Turn 2" / 2-3/4" Bar Capacity



52-BY2 "B" Axis Multi-Tasking CNC Mill-Turn 2" Bar Capacity

## Multi Axis 4 - 11 Axis CNC Bar Machines

Booth # 1959

Feb 24<sup>th</sup> - 26<sup>th</sup>, 2015



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REQUEST.

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INFORMATION

# USED EQUIPMENT FOR SALE:

4" Kuraki Horizontal Boring Mill with 4th Axis Table  
KURAKI Model KBM-11A  
New 1998  
**\$279,500**

Okuma Heavy Duty 25" Pallet 2-Pallet HMC  
OKUMA HOWA Model Millac 630H  
New 2005  
**\$210,000**

37" Timesaver 137-1HDMW Wet Belt Grinder  
Model 137-1HDMW  
New 2001  
**\$29,500**

Chevalier FM-3VKH 2-Axis CNC Knee Mill  
New 1993  
**\$11,500**

AWEA SP-3016 CNC Bridge VMC  
AWEA Model SP-3016  
New 2000  
**\$189,500**

Mazak Integrex E-1060V/8ii 5-Axis Mill Turn Machine  
MAZAK Model Integrex E-1060V/8ii  
New 2009  
**\$810,000**

25"x120" Toolmex Engine Lathe Model TUR630A  
New 1996  
**\$33,000**

Yang MV-3A Box Way Geared Head CNC VMC  
YANG Model MV-3A  
New 1995  
**\$23,500**

5"x12" Myford Precision Cylindrical Grinder Model MG-12 HAR  
New 1981  
**\$22,500**

Front / Rear Chucks, Threading and Taper Attachments  
New 1976  
**\$89.500**

#2 OMV Cincinnati Milacron Centerless Grinder  
New 1990  
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### The first thing to wear out on a CNC machine is often the drawbar!

Belleville springs hold the arbor in the spindle during cutting AND they are often the first thing to wear out on a CNC Machining Center. Just one broken spring has a huge effect on clamping force. Chatter, low tool life, poor finishes, less repeatability, and scrap parts are the result. Eventually a tool may pull out during a cut, causing major damage to the machine and spindle.

#### Machines are never the same after a crash



A typical drawbar assembly



Test CAT, BT, ISO, HSK, CAPTO and others

**CLAMPRITE®**

Spindle Drawbar Force Gage

Protect Your Spindles

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Customers say "it paid for itself the first time we used it"

The Clamprite Gage is the most economical tool for checking the drawbar force of your machine. Kits are furnished in a metal tool box with tray, and a foam fitted liner to protect the gage head.

Select your kit by spindle type and maximum drawbar force you will be testing. Go to [www.clamprite.com](http://www.clamprite.com) for more information.

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Drill / Tap / Face / Center / Turn 2 ends of a shaft at the same time!!!!!!

Attain Great TIR between bearing surfaces and / or Centers

Capacities - 5mm to 125mm Dia - 90mm to 1500mm Length

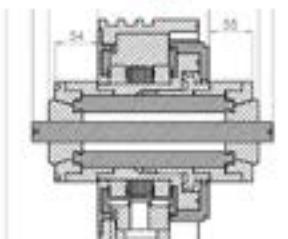
Short Cycle Time!!



The Headstock



Axle shafts



The Concept



Shock Absorbers



## Fast Cut Polygon / Turn Machining System

CNC Turning combined with polygon Machining

Polygon turn **Square-Hex-8 Sided Flats** on round shafts in **one pass / one operation**

Turn areas of the shaft in the Same Machine!!!

Short Cycle Time!!!!



Sample Shows

- Square →
- 5 Sided →
- 6 Sided →
- 8 Sided →



All in One Pass / One Setup

Link for Video Machine Demonstrations: <http://www.fastcutt.com/en/video.html>

## Shinri CNC Slant Bed 4 Spindle Face / Center / Turn Machining System

Face / Center / Turn Machine with the following Features:

- 1) Fanuc Control
- 2) Slant Bed Design
- 3) 4 Spindles
- 4) 2 Boring Spindles and 2 Milling Spindles
- 5) 2 sets of self centering jaws
- 6) Capacity – 4 inch diameter by 1 meter long



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80,000 Lb Lift Truck - \$175 / Hour

40 Miles Included - Additional Mileage \$1.00 / Mile

Additional Rigger \$40.00 / Hour

**No hidden fees**

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**3-Axis Super CNC Bed Mills with Fagor 8055i Control**

- Powerful 5 Hp spindle motor on SUP4BVS & SUP6BVS
- 7.5 Hp spindle motor on SUP8BVS
- Inverter variable speed drive with 2 speed ranges
- Hardened and ground spindle with NT40 taper
- Hardened and chromed quill with 5" travel CP4 ABEC7 angular contact spindle bearings
- C7 double nut X/Y/Z axes 1.26" diameter ballscrew
- Hardened and ground table surface
- Ground T-slots to provide accurate reference edge
- Hardened and ground, square X/Y ways
- Turcite B coating on saddle X/Y axes ways
- Meehanite castings for superior rigidity and wear resistance
- Telescopic Z axis ballscrew cover



**Fagor 8055 CNC**

- USB Port on keyboard for easy program management
- Compact Flash Memory Up To 2+ GB
- Windows Type Explorer for easy program memory management
- Flat screen high resolution Color LCD monitor
- High Performance Digital Servo Motor Management
- Intelligent Profile Editor (built-in CAD/CAM)
- OEM Features: Circle Geometry Test, PLC Logic Analyzer
- Powerful ICON Programming Concept With Dedicated Keys for: Profiles, etc. (26 such functions)
- Advanced features: Mirror Imaging, Scaling Factor, Pattern Repeat and much more; all standard



**MultiTurn MR Series CNC Combination Lathe with Fagor 8055i TC Controls**

- Conversational Programming
- Direct Dimension Programming
- Multi Repetitive Cycles for automatic finishing, roughing, drilling, threading, and grooving cycles
- Toolpath graphics
- 10.4" color LCD Display
- Programmable increments: 0.0001" min., 999.999" max.
- Thread cutting leads: 0.00001" min., 1.0" max.
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- Constant Surface Speed / Direct rpm programming



- 4MB Memory
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100% Made In The USA!

For 1.5mm x 60° Serration Chucks						
	Chuck Size	Groove Width	Screw Size	Hole Space	Hgt. Inch	Part Number
						Set Price
KI-B206	6"	0.472	10MM	0.787	2"	KT-6206F \$36.31
					4"	KT-6400F \$48.01
KI-B208	8"	0.551	12MM	0.984	2"	KT-6208F \$39.68
					4"	KT-6400F \$46.48
KI-B210	10"	0.630	12MM	1.181	2"	KT-12200F \$44.31
					4"	KT-12400F \$72.75
KI-B12	12"	0.709	14MM	1.381	2"	KT-12200F \$45.49
					3"	KT-12300F \$91.20
KI-B12	12"	0.827	16MM	1.581	2"	KT-12200F \$46.49
					3"	KT-12300F \$91.20
					4"	KT-12400F \$91.14

\*For Pointed Soft Jaws, replace the "P" at the end of the part number with "T" & add \$3.25 per set.

AMERICAN STANDARD TONGUE & GROOVE						
	Chuck Size	Groove Width	Tongue Width	Screw Size	Hole Space	Part Number
						Set Price
	2	.312	.499	3/8	1.560	TG-6200F \$ 37.77
	4	.312	.499	3/8	1.750	TG-6400F \$103.34
	2	.312	.499	3/8	1.750	TG-8200F \$ 45.84
	3	.312	.499	3/8	1.750	TG-8300F \$ 58.45
	2	.501	.749	1/2	2.125	TG-10200F \$ 124.76
	4	.501	.749	1/2	2.500	TG-10400F \$ 48.32
	2.5	.501	.749	1/2	2.500	TG-12200F \$180.77
	4	.501	.749	1/2	2.500	TG-12400F \$ 92.84

\*For Pointed Soft Jaws, replace the "P" at the end of the part number with "T" & add \$3.25 per set.

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### SHARK JAWS



### HARD JAWS

#### For 1.5mm x 60° Serrations Chucks

- Designed for first operation roughing, expect runout between 0.005-0.010
- Reversible- for OD & ID workholding.
- Conical teeth for extra gripping power
- Ideal for castings and scaly material
- Black oxide for long life
- 2 steps (1 step also available)

Check Model	Chuck Dia	Part Number	Price Per Set
B-206, HS06	6"	KT-60HJ2	\$328.76
B-208, HS08	8"	KT-60HJ2	\$388.96
B-210, HS10	10"	KT-100HJ2	\$463.06
B-12, H012	12"	KT-120HJ2	\$500.09
B-212, HS12	12"	KT-128HJ2	\$500.09

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3 Jaw Chuck • 2pc Master Jaw Style • SET-TRU™  
 • Fine adjustment 0.0006" TIR  
 • Semi-steel body  
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 • Each scroll precisely balanced  
 • Plain back-backplates and replacement parts available

Size	Thru Hole	Max RPM	Part Number	Mfg's List	Special
6"	1.77	3000	BI-3866-0600Z	\$ 305.10	
8"	2.17	2500	BI-3866-0800Z	\$ 386.10	
10"	3.15	2000	BI-3866-1000Z	\$ 575.10	
12"	4.09	1500	BI-3866-1200Z	\$ 950.00	\$ 863.10
15"	5.35	1000	BI-3866-1600Z	\$ 1,359.00	\$ 1,223.10

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**END MILL ER COLLET HOLDERS**  
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 • Individually Magnetic Particle Tested  
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 • Made of 8620, Heat Treated to Rc 56/58  
 • Exceeds Industry Standards For Tolerance (ANSI, DIN, JMTBA)

Machine	Thread	Head Dia	Angle	Coolant	Part Number	Price EA
Fadal BT40	M16-2.0	.740	90°	No	B46-4501S	\$ 16.88
HANs BT40	M16-2.0	.590	45°	Yes	B46-4500H	\$ 21.71
HANs CAT40	5B-11	.589	45°	No	C46-4501S	\$ 16.88
Fadal CAT40	5B-11	.740	45°	No	C46-4500H	\$ 14.48
Okuma CAT40	5B					

# Morton Industries

# LIQUIDATION

**MILLS:**

#2 Cincinnati Vert Mill, #50 Taper, power feeds	\$2,800
Supermax Vert., 2 HP, Step Pulley, 9"x42" table	\$1,800
Nomura Boring Mill, 4"spindle, 72" x 96" x 44" plain table, Power Drawbar, 1982, Excellent	\$30,000
Bridgeport 1.5 H.P. Vari Speed. 9 x 42 Table	\$2,200

**DRILLS:**

6'x 15" American Radial, power clamp #5 M.T.	\$8,500
4'x 11" Cincinnati, power clamp., #5 M.T.	\$4,500
4'x 11" Caser #4 M.T., 1800 RPM #4 M.T., P.C.	\$3,800
4'x 10" Willis Bergo, power clamp, #4 M.T.	\$2,800
6 Spindle, Allen Sensitive, 10,000 RPM, Nice	\$4,000
Allen S.S Tool Room, #3M.T., 24"x 34" Table	\$2,800
Yoshida S.S., #5 M.T., H.D., Tap Cycle	\$3,000

**CNC:**

Droop & Rein Vert. H.D., Fidia 3,500 RPM#50	\$14,000
Zimmerman, Vert., 28"x 80", 6000 RPM Heidenhain	\$13,000
Mazak M5, CNC Lathe, Fanuc, 75 HP, 18" chuck.	\$19,000
YANG CNC Lathe, 6.5" chuck, Fanuc OT, Tailstock	\$8,000

**LATHES:**

Clausing, 26"x 84" 1987, DRO, 18" chuck., 1400 RPM,	\$10,000
Hendey, 14"x 30", 3 Jaw, M.B. OK	\$900
LeBlond, 18"x 80" Servo-Shift, 1,500 RPM, NICE	\$4,000
Cincinnati, 15"x 40" geared head, QC Tooling	\$1,200
Clausing, 15"x 40" geared head, QC Tooling, Hardways	\$2,500

**SAWS:**

Amada #250 Auto Feed, 1 1/4" Blade, VARI Speed	\$4,500
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**PRESSES:**

Bliss, 75 Ton #23, OBI AC. & BK., 80 SPM	\$3,500
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Danly 75 Ton, OBI AC. & BK., 45 SPM., Nice	\$4,800
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Brown & Boggs, 1985 GAP FRAME, 90 SPM	\$6,000
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Danly 110 Ton, OBI AC. & BK., 12"STR, 27" x 42" Bed	\$10,000
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Bliss, 19 Ton, OBI AC. & BK., NICE 90 SPM	\$2,000
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**GRINDERS:**

Kent 6"x 18", 1995, Hand feed, BALL WAYS	\$2,800
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Warner & Swasey, 8"x 24" HYD., NICE	\$3,000
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Gallmeyer, 10"x 24" HYD., #360, Incremental	\$4,800
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Jakobsen, 14"x 32" HYD., Auto Down	\$5,800
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Okamoto, 12"x24" HYD., Auto Down	\$4,500
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Boyar Schultz, 6"x 18", Hand feed, VERY Good	\$1,700
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**LIFT TRUCKS:**

Allis Chalmer, 12000 lb., AUTO, 2-Stage	\$4,600
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Taylor, 25,000 lb. CAP, New 2004, Diesel	\$42,000
--	----------

Hyster, 80,000 lb. CAP, Oil Clutch, 96"forks	\$75,000
--	----------

Nissan, 6,000 lb. CAP, AUTO, 2-stage, side shift	\$4,800
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**MISC:**

Cincinnati Shear, 10 x 10 GA, 1985, 36"B.G. Wow	\$12,000
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Miller Heliarc, 300 AMP, Beautiful, 1 Owner!	\$1,400
--	---------

P&H 15 Ton Wheel Crane, 60'HYD. BOOM	\$12,000
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Trailer, 12,000 lb. CAP., Low, Dual-Axel Brakes	\$2,250
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cold saw

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VS-350HT/LT-PD  
semi-automatic cold  
saw, 14" used blade  
mounted in machine,  
mitering capabilities,  
variable cutting speeds,  
pneumatic power down  
feed with electric  
controls, footswitch  
operator control

Stock Number:  
AM12372

Capacity: (round): 4-7/8"



51 Ton Scotchman #FI-5I  
Hydraulic Ironworker

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Ironworker, Angle Shear,  
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Capacity: 51 tons



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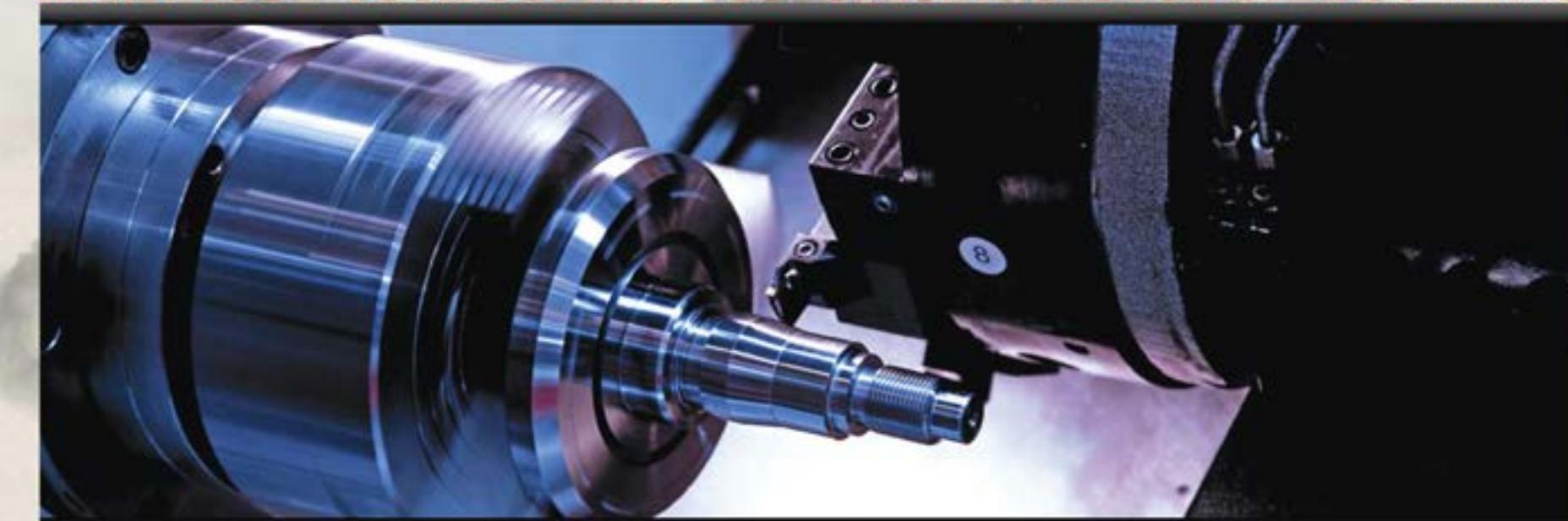
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11" Flat at 90°  
6 7/8" Round at 45°  
6" Pipe at 45°  
7 1/4" Flat at 45°

\$2799

### Model 1800

11" Round at 90°  
10" Pipe at 90°  
14" Flat at 90°  
11" H x 10" W at 90°  
9" Round at 45°  
8" Pipe at 45°  
9" Flat at 45°  
11" H x 6" W at 45°

\$3199

### Model 4000

13 1/2" Round at 90°  
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22" Flat at 90°  
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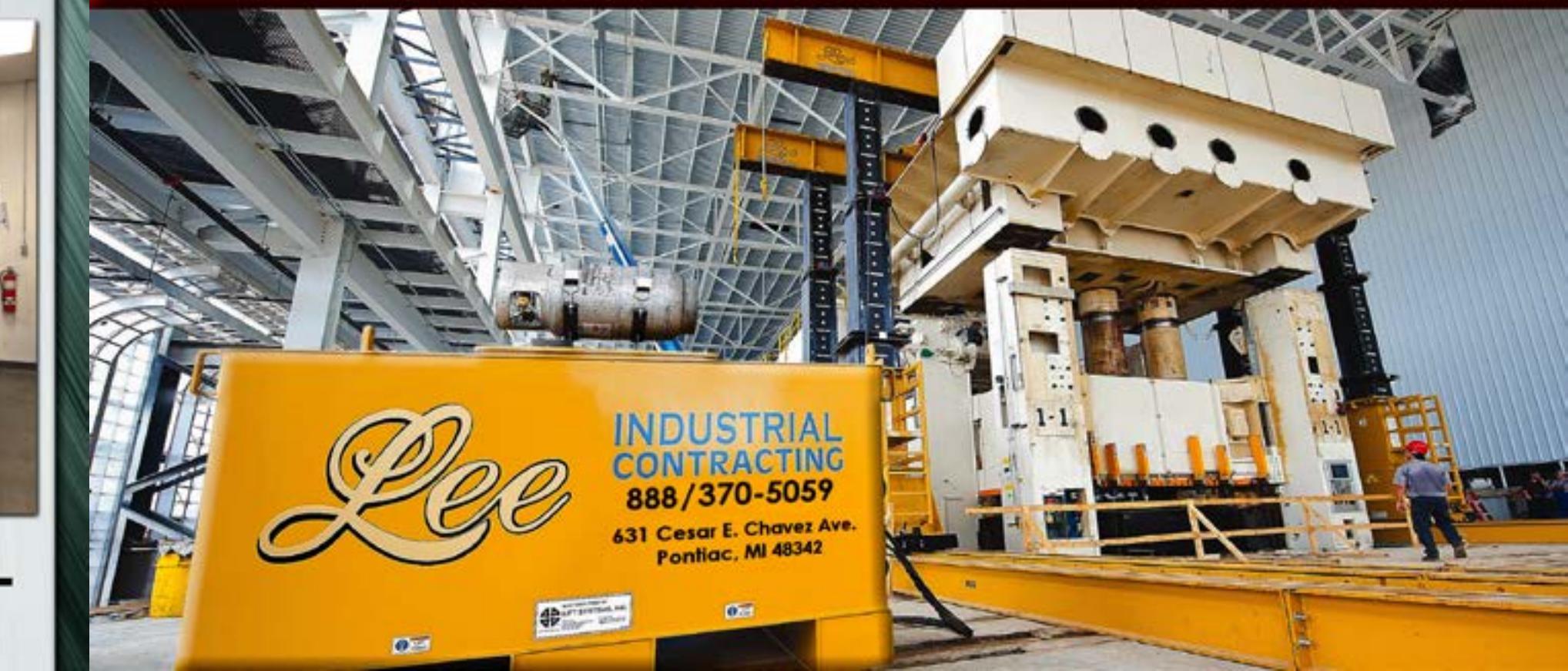


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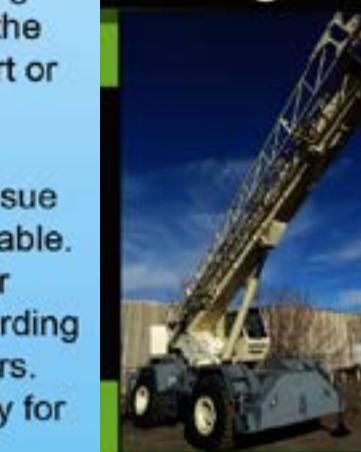
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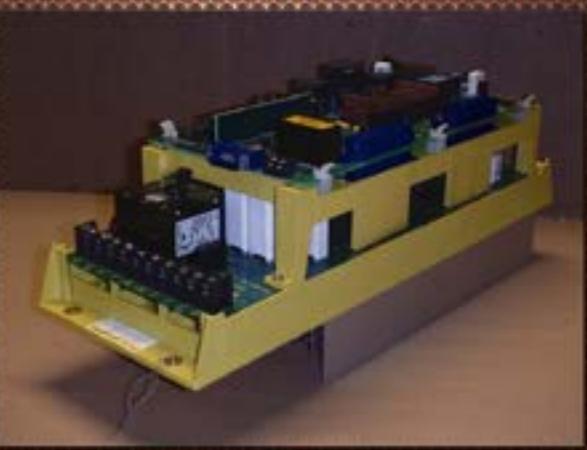
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  - Morton Model VTC 4080 CNC Vertical Mill
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  - Ingersoll-Rand 2475N7.5 Air Compressor
  - Miller Syncrowave 350 ARC Welder
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Inspection: Wednesday, February 18th | 9am - 4pm

## Thursday, February 19th 2015

Immaculate Tool Room Featuring: (3) Makino VMC's To 2005 • (3) Mori Seiki CNC Turning Centers To 2005 • CNC & Conventional Mills • 2002 & 2004 Kellenberger OD Grinders • Tschudin Cylindrical Grinders • (6) Surface Grinders • (3) CNC EDM Machine w/ Extensive Tooling • (4) Lathes • (3) Hyd Mech Saws • 2005 Mitutoyo CNC CMM • Huge Qty Of Precision Tooling & Stores • Over (40) Lista Tool Cabinets & Work Benches • Major Plastics Manufacturing Operation Featuring: (10) Husky & Engel Injection Moulders & Moulds; Plastic Granulators; Dryers & Support Equipment • CD & DVD Production & Packaging Equipment • Extensive Powerhouse Including: (4) Compressors To 300HP; Dryers & Chillers • Waste Treatment Equipment • Back-Up Plant Generators • (8) Over-Head Crane Systems • Mobile Equipment • Large Qty Of Plant & Warehouse Support Equipment • & Much More!



# Online Auction

Prima Die Casting, Inc.

5300 115th Avenue North, Clearwater, FL 33760

PUBLIC PREVIEW: Tuesday, January 27th, 9am to 4pm, or prior by appointment only.

## February 25th, 2015

**FEATURING:**

- (1) Idra Model OL750 CCA 800-Ton Cold Chamber Die Cast Machine
- (3) Idra Model OL560 560-Ton Cold Chamber Die Cast Machines
- (2) HPM Model II400A 400-Ton Cold Chamber Die Cast Machines
- (3) HAAS DT-1 CNC Vertical Mills
- (3) Fanuc T14iE Robodrills
- (1) Kuka Model 105917 Robot
- (2) Rimrock Model 195 Extractors
- (1) Idra Model EPAC2 Robot
- (6) Diesse, Reis & KR Wilson Trim Presses
- (3) Dennison Multipresses (2) #SO85LC2 8-Ton & (1) #FWS08 2-Ton
- Striko Model PA15480 Furnace, 1000 Kg Bath, 1000 Kg melt rate per hour
- Seco Model V/BT-60 Tilting Barrel Furnace, 6500 lb. Bath, 800 lb melt rate per hour
- Schaeffer Furnace, 4850 Bath, 600 lb melt rate per hour
- (4) Rimrock Model 305 Ladlers
- (6) Thermolator Hot Oil Transfer Carts
- (6) Bridgeport Vertical Mills, Grinders, Lathes & Misc Toolroom Machines
- Forklifts
- and more



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INSPECTION: MONDAY, FEBRUARY 16 FROM 8:00 A.M. TO 4:00 P.M.

## TUESDAY, FEBRUARY 17 | 2:00 PM (EST)



GANTRY TYPE CNC PLATE  
CUTTING SYSTEM WITH 77" TRAVEL



ATLAS COPCO MDL. QAS 228 240KVA  
200 KW SKID-MOUNTED DIESEL  
GENERATOR, 3,561 HOURS



RUSH  
MACHINERY  
MDL. 250A  
DRILL POINT  
GRINDER,  
S/N: 2453 (2001)

### FEATURED EQUIPMENT:

GANTRY TYPE MULTI-HEAD PLASMA, GAS, DRILLING PLATE BURNING MACHINE,  
WITH 77' TRAVEL • (3) LINCOLN RANGER 250 CT, MILLER AIR PAK MULTI PROCESS,  
(2) LINCOLN SA-250 GENERATOR WELDERS • (4) NEW LINCOLN IDEALARC  
AC-1000, (2) LINCOLN IDEALARC DC-600, LINCOLN DC-655, MILLER SYNCROWAVE,  
PLUS OTHERS • ATLAS COPCO 240-KVA, 200-KW AND MQ POWER WHISPER WATT  
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# ONLINE AUCTION

## FEATURED MACHINES:



2000 Mazak VTC-200B



Okuma LB-25 CNC Lathe



1986 Fadal VMC-40



Acer 6x18  
Surface  
Grinder



Hurco CBC  
Vert Mill



Matuura MC-760  
VMC

**February 18th, 2015**

**MONTHLY MACHINERY AUCTION**

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Santec CNC Vert Mill

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# Featured Metalworking Auctions in this Issue!

Date	Company	Page #
02/10/15	MachinesUsed.com	35
02/25/15	Roller & Associates, Inc	35
02/25/15	BTM Industrial	36
02/10/15	Miedema Asset Management Group	37
02/17/15	Miedema Asset Management Group	37
03/04/15	Stronghold Equipment	38
02/19/15	BIDITUP Auctions	39
02/25/15	Heritage Global Partners	40
02/17/15	Koster Industries	41
02/18/15	BTM Industrial	42

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